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(FILE 'HOME' ENTERED AT 15:42:43 ON 31 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 15:43:05 ON 31 MAR 2005

L1 1300861 S KINASE?
L2 484604 S HUMAN AND L1
L3 6996588 S CLON? OR EXPRESS? OR RECOMBINANT
L4 242038 S L3 AND L2
L5 114177 S PROTO(W)ONCOGENE?
L6 15246 S L4 AND L5
L7 576873 S TYROSINE
L8 8402 S L6 AND L7
L9 372 S (UTERUS OR LEKEMIA OR ADENOCARCINOMA OR HIPPOCAMPUS) AND L8
L10 21638 S HUMAN (3W) L1
L11 4 S L9 AND L10
L12 4 DUP REM L11 (0 DUPLICATES REMOVED)
L13 234 S L10 AND L5
L14 129 S L13 AND L7
L15 104 DUP REM L14 (25 DUPLICATES REMOVED)
E GAN W/AU
L16 90 S E3
E DIFRANCESCO V/AU
L17 117 S E3-E4
E BEASLEY E M/AU
L18 324 S E3
L19 491 S L16 OR L17, OR L18
L20 0 S L15 AND L19
L21 71 S L4 AND L19
L22 70 DUP REM L21 (1 DUPLICATE REMOVED)

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NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
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NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
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FILE 'HOME' ENTERED AT 15:42:43 ON 31 MAR 2005

=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

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FILE 'EMBASE' ENTERED AT 15:43:05 ON 31 MAR 2005

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FILE 'LIFESCI' ENTERED AT 15:43:05 ON 31 MAR 2005
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

=> s kinase?
L1 1300861 KINASE?

=> s human and 11
L2 484604 HUMAN AND L1

=> s clon? or express? or recombinant
4 FILES SEARCHED...
L3 6996588 CLON? OR EXPRESS? OR RECOMBINANT

=> s l3 and l2
L4 242038 L3 AND L2

=> s proto(w)oncogene?
L5 114177 PROTO(W) ONCOGENE?

=> s l4 and l5
L6 15246 L4 AND L5

=> s tyrosine
L7 576873 TYROSINE

=> s l6 and l7
L8 8402 L6 AND L7

=> s placenta or lung or kidney
<-----User Break----->

SEARCH ENDED BY USER
SEARCH ENDED BY USER

=> s (uterus or lekemia or adenocarcinoma or hippocampus) and 18
L9 372 (UTERUS OR LEKEMIA OR ADENOCARCINOMA OR HIPPOCAMPUS) AND L8

=> s human (3w) 11
6 FILES SEARCHED...
L10 21638 HUMAN (3W) L1

=> s 19 and l10
L11 4 L9 AND L10

=> dup rem l11
PROCESSING COMPLETED FOR L11
L12 4 DUP REM L11 (0 DUPLICATES REMOVED)

=> d 1-4 ibib ab

L12 ANSWER 1 OF 4 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:33500 HCPLUS
DOCUMENT NUMBER: 138:301517
TITLE: Altered expression of the RON receptor tyrosine kinase in primary human colorectal adenocarcinomas: generation of different splicing RON variants and their oncogenic potential
AUTHOR(S): Zhou, Yong-Qing; He, Chao; Chen, Yi-Qing; Wang, Dong; Wang, Ming-Hai
CORPORATE SOURCE: Division of Neurosurgery, The First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, Peop. Rep. China
SOURCE: Oncogene (2003), 22(2), 186-197
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The RON receptor tyrosine kinase is a member of the MET proto-oncogene family that has been implicated in regulating motile-invasive phenotypes in certain types of epithelial cancers. The purpose of this study was to determine if RON expression is altered in primary human colorectal adenocarcinomas. Results from immunohistochem. staining showed that RON is highly expressed in the majority of colorectal adenocarcinomas (29/49 cases). Accumulated RON is also constitutively active with autophosphorylation in tyrosine residues. Moreover, three splicing variants of RON, namely RONΔ165, RONΔ160, and RONΔ155 were detected and cloned from two primary colon cancer samples. These RON variants were generated by deletions in different regions in extracellular domains of the RON β chain. Functional studies showed that expression of RONΔ160 or RONΔ155 in Martin-Darby canine kidney cells resulted in increased cell dissociation (scatter-like activity). RON variants, RONΔ160 and RONΔ155, also exerted the ability to induce multiple focus formation and sustain anchorage-independent growth of transfected NIH3T3 cells. Moreover, NIH3T3 cells expressing RONΔ160 or RONΔ155 formed tumors in athymic nude mice and colonized in the lungs. These data suggest that RON expression is altered in certain primary colon cancers. Abnormal accumulation of RON variants may play a role in the progression of certain colorectal cancers in vivo.

REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 4 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:66832 HCPLUS
DOCUMENT NUMBER: 136:113834
TITLE: Protein, gene and cDNA sequences of human protein kinase sequence homolog
INVENTOR(S): Gan, Weiniu; Ye, Jane; Di Francesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): PE Corporation (NY), USA
SOURCE: U.S., 50 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6340584	B1	20020122	US 2001-817180	20010327
US 2002168741	A1	20021114	US 2001-3295	20011206
US 6686187	B2	20040203		
CA 2441661	AA	20021003	CA 2002-2441661	20020327
WO 2002077191	A2	20021003	WO 2002-US9325	20020327
WO 2002077191	A3	20040311		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1421186	A2	20040526	EP 2002-728575	20020327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004063130	A1	20040401	US 2003-660763	20030912
PRIORITY APPLN. INFO.:			US 2001-817180	A3 20010327
			US 2001-3295	A 20011206
			WO 2002-US9325	W 20020327

AB The invention provides protein and cDNA and genomic sequences for a novel human protein, which shares sequence homol. to a known protein kinase, and is related to the **proto-oncogene tyrosine kinase** subfamily. The gene is expressed in placenta, lung tumors, kidney tumors, pregnant uterus, leukemia, stomach **adenocarcinoma**, and hippocampus. Ten novel single nucleotide polymorphism sites (beyond the ORF or in intron regions) were identified. Thus, the present invention specifically provides isolated peptide and nucleic acid mols., methods of identifying orthologs and paralogs of the protein kinase peptides, methods of identifying modulators of the protein kinase peptides, and methods of diagnosis and treatment of diseases associated with the protein kinase.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 4 MEDLINE on STN
ACCESSION NUMBER: 95022650 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7936664
TITLE: Characterization of mouse non-receptor **tyrosine kinase** gene, HYL.
AUTHOR: Hamaguchi I; Iwama A; Yamaguchi N; Sakano S; Matsuda Y; Suda T
CORPORATE SOURCE: Department of Cell Differentiation, Kumamoto University School of Medicine, Japan.
SOURCE: Oncogene, (1994 Nov) 9 (11) 3371-4.
JOURNAL code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199411
ENTRY DATE: Entered STN: 19941222

Last Updated on STN: 19941222
Entered Medline: 19941110

AB We previously reported a novel **human** non-receptor **tyrosine kinase** gene, HYL (hematopoietic consensus **tyrosine-lacking kinase**) (Sakano et al., 1994), which consists of each of the SH2 (src homology 2), SH3 and **tyrosine kinase** catalytic domains. HYL has unique structural features shared with CSK (C-terminal Src kinase). Recently it has also been reported that matk (Bennett et al., 1994) and Ctk (Klages et al., 1994) are isolated as novel **kinases** with structural similarity to CSK. Comparisons of cDNA sequence indicate the HYL, matk and Ctk are the same gene. We further characterized the mouse HYL genomic structure and HYL mRNA **expression** in mouse brain. The mouse HYL gene is distributed over 5.8 kb and is composed of 12 exons. The exon-intron organization is almost identical with that of **human** CSK. The mouse HYL gene was assigned to the R-positive C1 band of chromosome 10 by fluorescent *in situ* hybridization. RNA *in situ* hybridization demonstrated the broad distribution of HYL mRNA **expression** in various neuronal cells. Especially, strong signals were detected in Purkinje cells, pyramidal cells in the **hippocampus**, granule cells in the dentate gyrus, and mitral cells in the olfactory bulb, indicating that mRNA **expression** of HYL in brain is very similar to that of SRC-family **kinases**. These findings establish close relationship between the HYL and CSK genes and also suggest that HYL may play an important role in signal transduction through SRC-family **kinases** in the central nervous system.

L12 ANSWER 4 OF 4 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
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ACCESSION NUMBER: 92002751 EMBASE
DOCUMENT NUMBER: 1992002751
TITLE: Characterization of Ws mutant allele of rats: A 12-base deletion in **tyrosine kinase** domain of c-kit gene.
AUTHOR: Tsujimura T.; Hirota S.; Nomura S.; Niwa Y.; Yamazaki M.; Tono T.; Morii E.; Kim H.-M.; Kondo K.; Nishimune Y.; Kitamura Y.
CORPORATE SOURCE: Department of Pathology, Osaka University Med. School, Yamada-oka 2-2,Suita, Osaka, 565, Japan
SOURCE: Blood, (1991) 78/8 (1942-1946).
ISSN: 0006-4971 CODEN: BLOOAW
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 025 Hematology
LANGUAGE: English
SUMMARY LANGUAGE: English

AB Homozygous mutant rats at the newly found white spotting (Ws) locus were anemic and deficient in mast cells and melanocytes. Because the phenotype of Ws/Ws rats resembled the phenotype of mice possessing a double-gene dose of mutant alleles at the W locus and because the c-kit gene was mapped at the W locus of mice, we characterized the c-kit gene of Ws/Ws rats. The authentic sequence of the rat c-kit cDNA was determined by using a cDNA library prepared from the **hippocampus** of Sprague-Dawley rats. The c-kit cDNA of Ws/Ws and normal (+/+) control rats was obtained by reverse transcriptase modification of the polymerase chain reaction. When compared with the authentic sequence, a deletion of 12 bases was found in the c-kit cDNA of Ws/Ws rats. This change was shown to be a result of the deletion of the genomic DNA. Four amino acids encoded by the deleted 12 bases (ie, Val-Lys-Gly-Asn) were located at two amino acids downstream from the **tyrosine** autophosphorylation site in the c-kit **kinase** and were conserved not only in mouse and **human** c-kit **kinases** but also in mouse and **human** c-fms **kinases** (ie, receptors of colony-stimulating factor-1).

Taken together, the Ws/Ws rat is the first characterized mutant of the c-kit gene in an animal species other than the mouse.

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FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCPLUS, NTIS, LIFESCI' ENTERED AT 15:43:05 ON 31 MAR 2005

L1 1300861 S KINASE?
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L5 114177 S PROTO(W) ONCOGENE?
L6 15246 S L4 AND L5
L7 576873 S TYROSINE
L8 8402 S L6 AND L7
L9 372 S (UTERUS OR LEKEMIA OR ADENOCARCINOMA OR HIPPOCAMPUS) AND L8
L10 21638 S HUMAN (3W) L1
L11 4 S L9 AND L10
L12 4 DUP REM L11 (0 DUPLICATES REMOVED)

=> s l10 and 15

L13 234 L10 AND L5

=> s l13 and 17

L14 129 L13 AND L7

=> dup rem l14

PROCESSING COMPLETED FOR L14

L15 104 DUP REM L14 (25 DUPLICATES REMOVED)

=> d 1-104 ibib

L15 ANSWER 1 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2004516039 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15485904
TITLE: The **human c-Fes tyrosine kinase**
binds tubulin and microtubules through separate domains and
promotes microtubule assembly.
AUTHOR: Laurent Charles E; Delfino Frank J; Cheng Haiyun Y;
Smithgall Thomas E
CORPORATE SOURCE: Department of Molecular Genetics and Biochemistry,
University of Pittsburgh School of Medicine, E1240
Biomedical Science Tower, Pittsburgh, PA 15261, USA.
CONTRACT NUMBER: CA58667 (NCI)
SOURCE: Molecular and cellular biology, (2004 Nov) 24 (21) 9351-8.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200412
ENTRY DATE: Entered STN: 20041017
Last Updated on STN: 20041219
Entered Medline: 20041203

L15 ANSWER 2 OF 104 MEDLINE on STN

ACCESSION NUMBER: 2004608390 MEDLINE

DOCUMENT NUMBER: PubMed ID: 15583854

TITLE: Kit as a **human oncogenic tyrosine kinase**.

AUTHOR: Kitamura Y; Hirotab S
CORPORATE SOURCE: Shionogi Pharmaceutical Company, 3-1-1 Futaba-cho,
Toyonaka, Osaka 561-0825, Japan..
yukihiko.kitamura@shionogi.co.jp
SOURCE: Cellular and molecular life sciences : CMLS, (2004 Dec) 61
(23) 2924-31. Ref: 78
Journal code: 9705402. ISSN: 1420-682X.
PUB. COUNTRY: Switzerland
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200501
ENTRY DATE: Entered STN: 20041208
Last Updated on STN: 20050112
Entered Medline: 20050111

L15 ANSWER 3 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2004206398 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15104145
TITLE: Expression of GST-fused kinase domain of **human**
Csk homologous **kinase** from *Pichia pastoris*
facilitates easy purification.
AUTHOR: Murthy T V S
CORPORATE SOURCE: Division of Experimental Medicine, Harvard Institutes of
Medicine, 4-Blackfan Circle, Boston, MA 02115, USA..
tmurthy@hms.harvard.edu
SOURCE: Biotechnology letters, (2004 Mar) 26 (5) 443-9.
Journal code: 8008051. ISSN: 0141-5492.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200411
ENTRY DATE: Entered STN: 20040424
Last Updated on STN: 20041110
Entered Medline: 20041109

L15 ANSWER 4 OF 104 MEDLINE on STN DUPLICATE 1
ACCESSION NUMBER: 2004070256 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14871539
TITLE: Characterization of a single-chain intrabody directed
against the **human** receptor **tyrosine**
kinase Ron.
AUTHOR: Secco Paola; Ferretti Massimo; Gioia Daniela; Cesaro
Patrizia; Bozzo Chiarella; Marks James D; Santoro Claudio
CORPORATE SOURCE: Department of Medical Sciences and Interdisciplinary
Research Center of Autoimmune Diseases (IRCAD), University
of Eastern Piedmont A. Avogadro, via Solaroli 17, 28100
Novara, Italy.
SOURCE: Journal of immunological methods, (2004 Feb 1) 285 (1)
99-109.
Journal code: 1305440. ISSN: 0022-1759.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200403
ENTRY DATE: Entered STN: 20040212
Last Updated on STN: 20040330
Entered Medline: 20040329

L15 ANSWER 5 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:304601 HCAPLUS
DOCUMENT NUMBER: 138:400340
TITLE: Fes Tyrosine Kinase Promotes Survival and Terminal Granulocyte Differentiation of Factor-dependent Myeloid Progenitors (32D) and Activates Lineage-specific Transcription Factors
AUTHOR(S): Kim, Jynho; Ogata, Yoshiyasu; Feldman, Ricardo A.
CORPORATE SOURCE: Department of Microbiology and Immunology, University of Maryland School of Medicine, Baltimore, MD, 21201, USA
SOURCE: Journal of Biological Chemistry (2003), 278(17), 14978-14984
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 6 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2003472539 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14534529
TITLE: Human weel kinase is directly transactivated by and increased in association with c-Fos/AP-1: rheumatoid synovial cells overexpressing these genes go into aberrant mitosis.
AUTHOR: Kawasaki Hiroki; Komai Koichiro; Nakamura Mikiko; Yamamoto Eri; Ouyang Zhufeng; Nakashima Toshie; Morisawa Tae; Hashiramoto Akira; Shiozawa Kazuko; Ishikawa Hitoshi; Kurosaka Masahiro; Shiozawa Shunichi
CORPORATE SOURCE: Department of Rheumatology, Kobe University FHS School of Medicine, Kobe 654-0142, Japan.
SOURCE: Oncogene, (2003 Oct 9) 22 (44) 6839-44.
JOURNAL code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AB019581
ENTRY MONTH: 200311
ENTRY DATE: Entered STN: 20031010
Last Updated on STN: 20031219
Entered Medline: 20031119

L15 ANSWER 7 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:669430 HCAPLUS
DOCUMENT NUMBER: 139:290069
TITLE: C-Src tyrosine kinase activity is associated with tumor colonization in bone and lung in an animal model of human breast cancer metastasis
AUTHOR(S): Myoui, Akira; Nishimura, Riko; Williams, Paul J.; Hiraga, Toru; Tamura, Daisuke; Michigami, Toshimi; Mundy, Gregory R.; Yoneda, Toshiyuki
CORPORATE SOURCE: Department of Orthopaedics, Graduate School of Medicine, Osaka University, Suita, Osaka, 565-0871, Japan
SOURCE: Cancer Research (2003), 63(16), 5028-5033
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 8 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:33500 HCAPLUS
DOCUMENT NUMBER: 138:301517
TITLE: Altered expression of the RON receptor tyrosine kinase in primary human colorectal adenocarcinomas: generation of different splicing RON variants and their oncogenic potential
AUTHOR(S): Zhou, Yong-Qing; He, Chao; Chen, Yi-Qing; Wang, Dong; Wang, Ming-Hai
CORPORATE SOURCE: Division of Neurosurgery, The First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, Peop. Rep. China
SOURCE: Oncogene (2003), 22(2), 186-197
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 9 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:66832 HCAPLUS
DOCUMENT NUMBER: 136:113834
TITLE: Protein, gene and cDNA sequences of **human** protein **kinase** sequence homolog
INVENTOR(S): Gan, Weiniu; Ye, Jane; Di Francesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): PE Corporation (NY), USA
SOURCE: U.S., 50 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6340584	B1	20020122	US 2001-817180	20010327
US 2002168741	A1	20021114	US 2001-3295	20011206
US 6686187	B2	20040203		
CA 2441661	AA	20021003	CA 2002-2441661	20020327
WO 2002077191	A2	20021003	WO 2002-US9325	20020327
WO 2002077191	A3	20040311		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1421186	A2	20040526	EP 2002-728575	20020327
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2004063130	A1	20040401	US 2003-660763	20030912
PRIORITY APPLN. INFO.:			US 2001-817180	A3 20010327
			US 2001-3295	A 20011206
			WO 2002-US9325	W 20020327

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 10 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:588694 HCPLUS
DOCUMENT NUMBER: 137:336242
TITLE: RET receptor **tyrosine** kinase isoforms in kidney function and disease
AUTHOR(S): Lee, Davy Chun Wai; Chan, Kwok Wah; Chan, Siu Yuen
CORPORATE SOURCE: Department of Paediatrics and Centre of Human Development and Birth Defects, The University of Hong Kong, Queen Mary Hospital, Hong Kong SAR, Peop. Rep. China
SOURCE: Oncogene (2002), 21(36), 5582-5592
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 11 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:678684 HCPLUS
DOCUMENT NUMBER: 138:265237
TITLE: The c-kit **tyrosine** kinase inhibitor ST1571 for colorectal cancer therapy
AUTHOR(S): Attoub, Samir; Rivat, Christine; Rodrigues, Sylvie; Van Bocxlaer, Saskia; Bedin, Monique; Bruyneel, Erik; Louvet, Christophe; Kornprobst, Michel; Andre, Thierry; Mareel, Marc; Mester, Jan; Gespach, Christian
CORPORATE SOURCE: INSERM U482, Signal Transduction and Cellular Functions in Diabetes and Digestive Cancers, Hopital Saint-Antoine, Paris, 75571, Fr.
SOURCE: Cancer Research (2002), 62(17), 4879-4883
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 12 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2002696426 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12456871
TITLE: Prediction of the structure of **human** Janus kinase 2 (JAK2) comprising JAK homology domains 1 through 7.
AUTHOR: Giordanetto Fabrizio; Kroemer Romano T
CORPORATE SOURCE: Department of Chemistry, Queen Mary and Westfield College, University of London, Mile End Road, London E1 4NS, UK.
SOURCE: Protein engineering, (2002 Sep) 15 (9) 727-37.
PUB. COUNTRY: Journal code: 8801484. ISSN: 0269-2139.
DOCUMENT TYPE: England: United Kingdom
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
ENTRY DATE: 200306
Entered STN: 20021217
Last Updated on STN: 20030614
Entered Medline: 20030613

L15 ANSWER 13 OF 104 MEDLINE on STN

ACCESSION NUMBER: 2002344085 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12086862
TITLE: Dissection of angiogenic signaling in zebrafish using a chemical genetic approach.
AUTHOR: Chan Joanne; Bayliss Peter E; Wood Jeanette M; Roberts Thomas M
CORPORATE SOURCE: Department of Cancer Biology, Dana-Farber Cancer Institute and the Department of Pathology, Harvard Medical School, Boston, Massachusetts, USA.. jochan@mbcrr.harvard.edu
CONTRACT NUMBER: CA30002 (NCI)
CA89021 (NCI)
HD24926 (NICHD)
SOURCE: Cancer cell, (2002 Apr) 1 (3) 257-67.
Journal code: 101130617. ISSN: 1535-6108.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AY056465; GENBANK-AY056466
ENTRY MONTH: 200208
ENTRY DATE: Entered STN: 20020628
Last Updated on STN: 20020802
Entered Medline: 20020801

L15 ANSWER 14 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2002433781 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12190111
TITLE: Activation of Raf-1/MEK-1/2/p42/44(MAPK) cascade alone is sufficient to uncouple LDL receptor expression from cell growth.
AUTHOR: Kapoor Gurpreet S; Atkins Brett A; Mehta Kamal D
CORPORATE SOURCE: Department of Molecular and Cellular Biochemistry, The Ohio State University College of Medicine, Columbus 43210, USA.
CONTRACT NUMBER: R01 HL-65540-01A1 (NHLBI)
SOURCE: Molecular and cellular biochemistry, (2002 Jul) 236 (1-2) 13-22.
Journal code: 0364456. ISSN: 0300-8177.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200304
ENTRY DATE: Entered STN: 20020823
Last Updated on STN: 20030416
Entered Medline: 20030410

L15 ANSWER 15 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2001671100 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11716489
TITLE: Isoform-dependent interaction of BRDG1 with Tec kinase.
AUTHOR: Yokohari K; Yamashita Y; Okada S; Ohya K; Oda S; Hatano M; Mano H; Hirasawa H; Tokuhisa T
CORPORATE SOURCE: Department of Developmental Genetics, Chiba University Graduate School of Medicine, Inohana 1-8-1, Chuo-ku, Chiba 260-8670, Japan.
SOURCE: Biochemical and biophysical research communications, (2001 Nov 30) 289 (2) 414-20.
Journal code: 0372516. ISSN: 0006-291X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200201

ENTRY DATE: Entered STN: 20011122
Last Updated on STN: 20020128
Entered Medline: 20020124

L15 ANSWER 16 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:539486 BIOSIS
DOCUMENT NUMBER: PREV200100539486

TITLE: Detection of genes regulated by the **proto-oncogene** RET using microarray analysis.

AUTHOR(S): Myers, S. M. [Reprint author]; Hui, G. C. [Reprint author]; Feilotter, H. E. [Reprint author]; Mulligan, L. M. [Reprint author]

CORPORATE SOURCE: Dept Pathology, Queen's Univ, Kingston, ON, Canada
SOURCE: American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4 Supplement, pp. 342. print.
Meeting Info.: 51st Annual Meeting of the American Society of Human Genetics. San Diego, California, USA. October 12-16, 2001.
CODEN: AJHGAG. ISSN: 0002-9297.

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LANGUAGE: English

ENTRY DATE: Entered STN: 21 Nov 2001
Last Updated on STN: 25 Feb 2002

L15 ANSWER 17 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:262602 HCAPLUS
DOCUMENT NUMBER: 137:183080

TITLE: The new development of class I **tyrosine** kinase superfamily in human cancer

AUTHOR(S): Tang, Careen K.

CORPORATE SOURCE: Principal Investigator of Lombardi Cancer Center, Georgetown University Medical Center, Washington, DC, 20007, USA

SOURCE: Recent Research Developments in Cancer (2001), 3(Pt. 1), 267-273
CODEN: RRDCCP

PUBLISHER: Transworld Research Network
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 18 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:196581 BIOSIS
DOCUMENT NUMBER: PREV200100196581

TITLE: Mutation analysis of NTRK2 and NTRK3, encoding 2 **tyrosine** kinase receptors, in sporadic human medullary thyroid carcinoma reveals novel sequence variants.

AUTHOR(S): Gimm, Oliver; Dziema, Heather; Brown, Jessica; de la Puente, Aranzazu; Hoang-Vu, Cuong; Dralle, Henning; Plass, Christoph; Eng, Charis [Reprint author]

CORPORATE SOURCE: Human Cancer Genetics Program, Ohio State University, 420 W. 12th Avenue, Room 690C MRF, Columbus, OH, 43210, USA
eng-1@medctr.osu.edu

SOURCE: International Journal of Cancer, (1 April, 2001) Vol. 92, No. 1, pp. 70-74. print.
CODEN: IJCNAW. ISSN: 0020-7136.

DOCUMENT TYPE: Article

LANGUAGE: English
ENTRY DATE: Entered STN: 20 Apr 2001
Last Updated on STN: 18 Feb 2002

L15 ANSWER 19 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:563480 HCAPLUS
DOCUMENT NUMBER: 136:148660
TITLE: Reduced C-terminal Src kinase activity is correlated inversely with pp60c-src activity in colorectal carcinoma
AUTHOR(S): Cam, William Rengifo; Masaki, Tsutomu; Shiratori, Yasushi; Kato, Naoya; Ikenoue, Tsuneo; Okamoto, Makoto; Igarashi, Koichi; Sano, Takaaki; Omata, Masao
CORPORATE SOURCE: Department of Gastroenterology, University of Tokyo, Tokyo, Japan
SOURCE: Cancer (New York, NY, United States) (2001), 92(1), 61-70
CODEN: CANCAR; ISSN: 0008-543X
PUBLISHER: John Wiley & Sons, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 20 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2001382555 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11287676
TITLE: Prediction of the structure of **human Janus kinase 2 (JAK2)** comprising the two carboxy-terminal domains reveals a mechanism for autoregulation.
AUTHOR: Lindauer K; Loerting T; Liedl K R; Kroemer R T
CORPORATE SOURCE: Department of Chemistry, Queen Mary and Westfield College, University of London, Mile End Road, London E1 4NS, UK.
SOURCE: Protein engineering, (2001 Jan) 14 (1) 27-37.
JOURNAL CODE: 8801484. ISSN: 0269-2139.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010709
Last Updated on STN: 20010709
Entered Medline: 20010705

L15 ANSWER 21 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2000309786 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10849443
TITLE: Transcription factors ets1, NF-kappa B, and Sp1 are major determinants of the promoter activity of the **human protein kinase CK2alpha** gene.
AUTHOR: Krehan A; Ansuini H; Bocher O; Grein S; Wirkner U; Pyerin W
CORPORATE SOURCE: Biochemische Zellphysiologie (B0200), Deutsches Krebsforschungszentrum, 69120 Heidelberg, Germany.
SOURCE: Journal of biological chemistry, (2000 Jun 16) 275 (24) 18327-36.
JOURNAL CODE: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200007
ENTRY DATE: Entered STN: 20000728
Last Updated on STN: 20020420

Entered Medline: 20000720

L15 ANSWER 22 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:91900 BIOSIS
DOCUMENT NUMBER: PREV200100091900
TITLE: Further studies on the analysis of the genes related to the receptor **tyrosine** kinase in patients with Hirschsprung disease.
AUTHOR(S): Sakai, T. [Reprint author]; Nirasawa, Y. [Reprint author]; Nomura, Y. [Reprint author]; Yoshinaga, E. [Reprint author]; Kuroki, Y. [Reprint author]; Tajima, A. [Reprint author]; Anzai, T. [Reprint author]; Wakizaka, A. [Reprint author]
CORPORATE SOURCE: 6-20-2, Shinkawa, Mitaka, Tokyo, Japan
SOURCE: Biochemical Society Transactions, (October, 2000) Vol. 28, No. 5, pp. A302. print.
Meeting Info.: 18th International Congress of Biochemistry and Molecular Biology. Birmingham, UK. July 16-20, 2000.
International Union of Biochemistry and Molecular Biology; Federation of European Biochemical Societies; Biochemical Society.
CODEN: BCSTB5. ISSN: 0300-5127.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LANGUAGE: English
ENTRY DATE: Entered STN: 21 Feb 2001
Last Updated on STN: 12 Feb 2002

L15 ANSWER 23 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2000:165746 BIOSIS
DOCUMENT NUMBER: PREV200000165746
TITLE: Japanese patients with sporadic Hirschsprung: Mutation analysis of the receptor **tyrosine** kinase **proto-oncogene**, endothelin-B receptor, endothelin-3, glial cell line-derived neurotrophic factor and neurturin genes: A comparison with similar studies.
AUTHOR(S): Sakai, T. [Reprint author]; Nirasawa, Y.; Itoh, Y.; Wakizaka, A.
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Kyorin University School of Medicine, Shinkawa 6-20-2, Mitaka, Tokyo, 181-8611, Japan
SOURCE: European Journal of Pediatrics, (March, 2000) Vol. 159, No. 3, pp. 160-167. print.
CODEN: EJPEDT. ISSN: 0340-6199.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 3 May 2000
Last Updated on STN: 4 Jan 2002

L15 ANSWER 24 OF 104 MEDLINE on STN

ACCESSION NUMBER: 2000391715 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10833396
TITLE: Active recombinant **human tyrosine kinase** c-Yes: expression in baculovirus system, purification, comparison to c-Src, and inhibition by a c-Src inhibitor.
AUTHOR: Susa M; Luong-Nguyen N H; Crespo J; Maier R; Missbach M; McMaster G
CORPORATE SOURCE: Research Bone Metabolism, Novartis Pharma AG, Basel, CH-4002, Switzerland.. mira.susa_spring@pharma.novartis.com

SOURCE: Protein expression and purification, (2000 Jun) 19 (1)
 99-106.
 Journal code: 9101496. ISSN: 1046-5928.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200008
 ENTRY DATE: Entered STN: 20000824
 Last Updated on STN: 20000824
 Entered Medline: 20000814

L15 ANSWER 25 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:468636 HCPLUS
 DOCUMENT NUMBER: 131:99274
 TITLE: Cloning and characterization of human lymphoid protein tyrosine phosphatases and their roles in regulating c-Cbl oncprotein and TCR signaling
 INVENTOR(S): Roifman, Chaim M.
 PATENT ASSIGNEE(S): HSC Research and Development Limited Partnership, Can.
 SOURCE: PCT Int. Appl., 105 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9936548	A1	19990722	WO 1999-CA38	19990118
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2220853	AA	19990716	CA 1998-2220853	19980116
CA 2318697	AA	19990722	CA 1999-2318697	19990118
AU 9920432	A1	19990802	AU 1999-20432	19990118
US 2004006777	A1	20040108	US 2002-309423	20021203
PRIORITY APPLN. INFO.:			CA 1998-2220853	A 19980116
			WO 1999-CA38	W 19990118
			US 2000-600358	B1 20000925
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 26 OF 104 MEDLINE on STN
 ACCESSION NUMBER: 1999292919 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10364375
 TITLE: Simian immunodeficiency virus and human immunodeficiency virus type 1 nef proteins show distinct patterns and mechanisms of Src kinase activation.
 AUTHOR: Greenway A L; Dutartre H; Allen K; McPhee D A; Olive D;
 Collette Y
 CORPORATE SOURCE: AIDS Cellular Biology Unit, Macfarlane Burnet Center for Medical Research, Fairfield, Victoria 3078, Australia.
 SOURCE: Journal of virology, (1999 Jul) 73 (7) 6152-8.
 Journal code: 0113724. ISSN: 0022-538X.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 199907
ENTRY DATE: Entered STN: 19990806
Last Updated on STN: 19990806
Entered Medline: 19990723

L15 ANSWER 27 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1999263028 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10325413
TITLE: The DNA-binding domain of **human c-Abl tyrosine kinase** promotes the interaction of a HMG chromosomal protein with DNA.
AUTHOR: David-Cordonnier M H; Payet D; D'Halluin J C; Waring M J; Travers A A; Bailly C
CORPORATE SOURCE: INSERM U-524, IRCL, Place de Verdun, 59045 Lille, France.
SOURCE: Nucleic acids research, (1999 Jun 1) 27 (11) 2265-70.
Journal code: 0411011. ISSN: 0305-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990816
Last Updated on STN: 19990816
Entered Medline: 19990804

L15 ANSWER 28 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1999300021 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10372806
TITLE: An antigen receptor (NCCRP-1) on nonspecific cytotoxic cells is a phosphoprotein associated with the JAK-STAT activation pathway.
AUTHOR: Evans D L; Leary J H 3rd; Jaso-Friedmann L
CORPORATE SOURCE: Department of Medical Microbiology and Parasitology, College of Veterinary Medicine, University of Georgia, Athens 30602, USA.. devan@calc.vet.uga.edu
SOURCE: Cellular signalling, (1999 Apr) 11 (4) 287-92.
Journal code: 8904683. ISSN: 0898-6568.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990827
Last Updated on STN: 19990827
Entered Medline: 19990817

L15 ANSWER 29 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1999209804 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10195429
TITLE: Regulation of **human c-Abl tyrosine kinase** activity in Xenopus oocytes and acceleration of progesterone-induced G2/M transition by oncogenic forms.
AUTHOR: Dorey K; Barila D; Gavin A C; Nebreda A R; Superti-Furga G
CORPORATE SOURCE: Developmental Biology Programme, European Molecular Biology Laboratory, Heidelberg, Germany.
SOURCE: Biological chemistry, (1999 Feb) 380 (2) 223-30.
Journal code: 9700112. ISSN: 1431-6730.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199906
ENTRY DATE: Entered STN: 19990614
Last Updated on STN: 19990614
Entered Medline: 19990603

L15 ANSWER 30 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1999041947 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9822652
TITLE: The transcription factor Sp1 regulates the myeloid-specific expression of the **human** hematopoietic cell kinase (HCK) gene through binding to two adjacent GC boxes within the HCK promoter-proximal region.
AUTHOR: Hauses M; Tonjes R R; Grez M
CORPORATE SOURCE: Laboratory for Molecular Virology, Georg-Speyer-Haus, D-60596 Frankfurt, Germany.
SOURCE: Journal of biological chemistry, (1998 Nov 27) 273 (48) 31844-52.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199812
ENTRY DATE: Entered STN: 19990115
Last Updated on STN: 19990115
Entered Medline: 19981223

L15 ANSWER 31 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1998226647 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9558345
TITLE: The DNA binding domain of the **human** c-Abl tyrosine kinase preferentially binds to DNA sequences containing an AAC motif and to distorted DNA structures.
AUTHOR: David-Cordonnier M H; Hamdane M; Bailly C; D'Halluin J C
CORPORATE SOURCE: INSERM U 124 Onco-hematologie Moleculaire, Institut de Recherches sur le Cancer de Lille, France.
SOURCE: Biochemistry, (1998 Apr 28) 37 (17) 6065-76.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199805
ENTRY DATE: Entered STN: 19980529
Last Updated on STN: 19980529
Entered Medline: 19980520

L15 ANSWER 32 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1998326287 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9661641
TITLE: Expression of functional prolactin receptors in nonpregnant **human** endometrium: janus kinase-2, signal transducer and activator of transcription-1 (STAT1), and STAT5 proteins are phosphorylated after stimulation with prolactin.
AUTHOR: Jabbour H N; Critchley H O; Boddy S C
CORPORATE SOURCE: Medical Research Council Reproductive Biology Unit, Center for Reproductive Biology, Edinburgh, United Kingdom..
h.jabbour@ed-rbu.mrc.ac.uk
SOURCE: Journal of clinical endocrinology and metabolism, (1998 Jul) 83 (7) 2545-53.
Journal code: 0375362. ISSN: 0021-972X.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199807
ENTRY DATE: Entered STN: 19980811
Last Updated on STN: 19980811
Entered Medline: 19980729

L15 ANSWER 33 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1999057571 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9837776
TITLE: RA70 is a src kinase-associated protein expressed ubiquitously.
AUTHOR: Kouroku Y; Soyama A; Fujita E; Urase K; Tsukahara T; Momoi T
CORPORATE SOURCE: Division of Development and Differentiation, National Institute of Neuroscience, NCNP, Kodaira, Tokyo, 187-8502, Japan.
SOURCE: Biochemical and biophysical research communications, (1998 Nov 27) 252 (3) 738-42.
Journal code: 0372516. ISSN: 0006-291X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AB014486
ENTRY MONTH: 199901
ENTRY DATE: Entered STN: 19990128
Last Updated on STN: 19990128
Entered Medline: 19990114

L15 ANSWER 34 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1998289582 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9618263
TITLE: Cloning and characterization of **human Jak-2 kinase**: high mRNA expression in immune cells and muscle tissue.
AUTHOR: Saltzman A; Stone M; Franks C; Searfoss G; Munro R; Jaye M; Ivashchenko Y
CORPORATE SOURCE: Gene Medicine Department, Rhone-Poulenc Rorer Central Research, Collegeville, Pennsylvania 19426, USA.
SOURCE: Biochemical and biophysical research communications, (1998 May 29) 246 (3) 627-33.
Journal code: 0372516. ISSN: 0006-291X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF058925
ENTRY MONTH: 199807
ENTRY DATE: Entered STN: 19980716
Last Updated on STN: 19980716
Entered Medline: 19980702

L15 ANSWER 35 OF 104 MEDLINE on STN
ACCESSION NUMBER: 1998043643 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9373265
TITLE: Expression of constitutively activated human c-Kit in Myb transformed early myeloid cells leads to factor independence, histiocytic differentiation, and tumorigenicity.
AUTHOR: Ferrao P; Gonda T J; Ashman L K

CORPORATE SOURCE: Leukemia Research Unit and Division of Human Immunology,
Hanson Centre for Cancer Research, Institute of Medical and
Veterinary Science, Adelaide, South Australia.
SOURCE: Blood, (1997 Dec 1) 90 (11) 4539-52.
Journal code: 7603509. ISSN: 0006-4971.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199712
ENTRY DATE: Entered STN: 19980109
Last Updated on STN: 20000303
Entered Medline: 19971223

L15 ANSWER 36 OF 104 MEDLINE on STN
ACCESSION NUMBER: 97415429 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9271228
TITLE: High-level expression of human c-Src can cause a spherical
morphology without loss of anchorage-dependent growth of
NIH 3T3 cells.
AUTHOR: Kato G; Maeda S
CORPORATE SOURCE: Department of Biochemistry, Yamanashi Medical University,
Nakakoma, Japan.. gkato@res.yamanashi-med.ac.jp
SOURCE: FEBS letters, (1997 Jul 14) 411 (2-3) 317-21.
Journal code: 0155157. ISSN: 0014-5793.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199709
ENTRY DATE: Entered STN: 19971008
Last Updated on STN: 19971008
Entered Medline: 19970923

L15 ANSWER 37 OF 104 MEDLINE on STN
ACCESSION NUMBER: 97428193 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9281320
TITLE: Expression, purification, and initial characterization of
human Yes protein tyrosine kinase
from a bacterial expression system.
AUTHOR: Sun G; Budde R J
CORPORATE SOURCE: Department of Neuro-Oncology, University of Texas M. D.
Anderson Cancer Center, Houston, Texas 77030, USA.
CONTRACT NUMBER: CA16672 (NCI)
SOURCE: Archives of biochemistry and biophysics, (1997 Sep 1) 345
(1) 135-42.
Journal code: 0372430. ISSN: 0003-9861.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199710
ENTRY DATE: Entered STN: 19971013
Last Updated on STN: 19980206
Entered Medline: 19971002

L15 ANSWER 38 OF 104 MEDLINE on STN
ACCESSION NUMBER: 96204006 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8622867
TITLE: Analysis of **human c-Abl tyrosine**
kinase activity and regulation in *S. pombe*.
AUTHOR: Walkenhorst J; Goga A; Witte O N; Superti-Furga G

CORPORATE SOURCE: European Molecular Biology Laboratory, Heidelberg, Germany.
SOURCE: Oncogene, (1996 Apr 4) 12 (7) 1513-20.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199606
ENTRY DATE: Entered STN: 19960627
Last Updated on STN: 19960627
Entered Medline: 19960618

L15 ANSWER 39 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:153380 HCAPLUS
DOCUMENT NUMBER: 124:280550
TITLE: Sperm-egg binding protein or **proto-oncogene?** Comments
AUTHOR(S): Tsai, Jen-Yue; Silver, Lee M.
CORPORATE SOURCE: Department Molecular Biology, Princeton University,
Princeton, NJ, 08544-1014, USA
SOURCE: Science (Washington, D. C.) (1996), 271(5254), 1432-4
CODEN: SCIEAS; ISSN: 0036-8075
PUBLISHER: American Association for the Advancement of Science
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 40 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:153379 HCAPLUS
DOCUMENT NUMBER: 124:222317
TITLE: Sperm-egg binding protein or **proto-oncogene?** Comments
AUTHOR(S): Bork, Peer
CORPORATE SOURCE: European Molecular Biology Laboratories, Heidelberg,
69012, Germany
SOURCE: Science (Washington, D. C.) (1996), 271(5254), 1431-2
CODEN: SCIEAS; ISSN: 0036-8075
PUBLISHER: American Association for the Advancement of Science
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 41 OF 104 MEDLINE on STN
ACCESSION NUMBER: 96330334 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8760296
TITLE: The apical membranes of maturing gut columnar epithelial
cells contain the enzymatically active form of a newly
identified fyn-related tyrosine kinase.
AUTHOR: Sunitha I; Avigan M I
CORPORATE SOURCE: Department of Pathology, Georgetown University School of
Medicine, DC 20007, USA.
CONTRACT NUMBER: CA 54818 (NCI)
SOURCE: Oncogene, (1996 Aug 1) 13 (3) 547-59.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U09583
ENTRY MONTH: 199609
ENTRY DATE: Entered STN: 19961008
Last Updated on STN: 19961008
Entered Medline: 19960920

L15 ANSWER 42 OF 104 MEDLINE on STN

ACCESSION NUMBER: 97365782 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9222609
TITLE: A pathway of multi-chaperone interactions common to diverse regulatory proteins: estrogen receptor, Fes tyrosine kinase, heat shock transcription factor Hsf1, and the aryl hydrocarbon receptor.
AUTHOR: Nair S C; Toran E J; Rimerman R A; Hjermstad S; Smithgall T E; Smith D F
CORPORATE SOURCE: Department of Pharmacology, University of Nebraska Medical Center, Omaha 68198, USA.
CONTRACT NUMBER: CA58667 (NCI)
DK44923 (NIDDK)
DK48218 (NIDDK)
SOURCE: Cell stress & chaperones, (1996 Dec) 1 (4) 237-50.
Journal code: 9610925. ISSN: 1355-8145.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U42051
ENTRY MONTH: 199709
ENTRY DATE: Entered STN: 19970916
Last Updated on STN: 19970916
Entered Medline: 19970904

L15 ANSWER 43 OF 104 MEDLINE on STN
ACCESSION NUMBER: 96386238 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8791414
TITLE: Nuclear tyrosine kinases: from Abl to WEE1.
AUTHOR: Pendergast A M
CORPORATE SOURCE: Department of Pharmacology, Box 3813, Duke University Medical Center, Durham, NC 27710, USA..
pende014@mc.duke.edu
SOURCE: Current opinion in cell biology, (1996 Apr) 8 (2) 174-81.
Ref: 46
Journal code: 8913428. ISSN: 0955-0674.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199610
ENTRY DATE: Entered STN: 19961106
Last Updated on STN: 19961106
Entered Medline: 19961024

L15 ANSWER 44 OF 104 MEDLINE on STN
ACCESSION NUMBER: 95247035 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7729690
TITLE: MEK-2, a *Caenorhabditis elegans* MAP kinase kinase, functions in Ras-mediated vulval induction and other developmental events.
AUTHOR: Wu Y; Han M; Guan K L
CORPORATE SOURCE: Department of Molecular, Cellular, and Developmental Biology, University of Colorado at Boulder 80309, USA.
CONTRACT NUMBER: GM47869 (NIGMS)
GM51586 (NIGMS)
M01-RR00042 (NCRR)
SOURCE: Genes & development, (1995 Mar 15) 9 (6) 742-55.
Journal code: 8711660. ISSN: 0890-9369.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U21107
ENTRY MONTH: 199506
ENTRY DATE: Entered STN: 19950608
Last Updated on STN: 20030311
Entered Medline: 19950601

L15 ANSWER 45 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1995:379540 HCAPLUS
DOCUMENT NUMBER: 122:180020
TITLE: Ax1 receptor tyrosine kinase stimulated by the vitamin K-dependent protein encoded by growth-arrest-specific gene 6
AUTHOR(S): Varnum, Brian C.; Young, Cynthia; Elliott, Gary; Garcia, Andy; Bartley, Timothy D.; Fridell, Yih-Woei; Hunt, Robert W.; Trail, Geraldine; Clogston, Chris; et al.
CORPORATE SOURCE: Amgen Inc., Amgen Center, Thousand Oaks, CA, 91320-1789, USA
SOURCE: Nature (London) (1995), 373(6515), 623-6
CODEN: NATUAS; ISSN: 0028-0836
PUBLISHER: Macmillan Magazines
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 46 OF 104 MEDLINE on STN
ACCESSION NUMBER: 95309922 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7789988
TITLE: Cloning and chromosomal localization of the **human TRK-B tyrosine kinase** receptor gene (NTRK2).
AUTHOR: Nakagawara A; Liu X G; Ikegaki N; White P S; Yamashiro D J; Nycum L M; Biegel J A; Brodeur G M
CORPORATE SOURCE: Division of Oncology, Children's Hospital of Philadelphia, Pennsylvania 19104, USA.
CONTRACT NUMBER: CA-46274 (NCI)
SOURCE: Genomics, (1995 Jan 20) 25 (2) 538-46.
Journal code: 8800135. ISSN: 0888-7543.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-P04629; GENBANK-P08119; GENBANK-U05012;
GENBANK-U12140
ENTRY MONTH: 199507
ENTRY DATE: Entered STN: 19950807
Last Updated on STN: 20000303
Entered Medline: 19950721

L15 ANSWER 47 OF 104 MEDLINE on STN
ACCESSION NUMBER: 95309033 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7789184
TITLE: Localization of the **human stem cell tyrosine kinase-1** gene (FLT3) to 13q12-->q13.
AUTHOR: Carow C E; Kim E; Hawkins A L; Webb H D; Griffin C A; Jabs E W; Civin C I; Small D
CORPORATE SOURCE: Oncology Center, Johns Hopkins University School of Medicine, Baltimore, MD, USA.
CONTRACT NUMBER: HG00373 (NHGRI)
HL50383-01 (NHLBI)
SOURCE: Cytogenetics and cell genetics, (1995) 70 (3-4) 255-7.

PUB. COUNTRY: Journal code: 0367735. ISSN: 0301-0171.
Switzerland
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199507
ENTRY DATE: Entered STN: 19950807
Last Updated on STN: 20000303
Entered Medline: 19950726

L15 ANSWER 48 OF 104 MEDLINE on STN
ACCESSION NUMBER: 95074104 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7983008
TITLE: Identification of discrete segments of **human Raf-1 kinase** critical for high affinity binding to Ha-Ras.
AUTHOR: Ghosh S; Bell R M
CORPORATE SOURCE: Department of Molecular Cancer Biology, Duke Comprehensive Cancer Center, Durham, North Carolina 27710.
CONTRACT NUMBER: DK 20259 (NIDDK)
GM 38737 (NIGMS)
SOURCE: Journal of biological chemistry, (1994 Dec 9) 269 (49)
30785-8.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199501
ENTRY DATE: Entered STN: 19950116
Last Updated on STN: 20000303
Entered Medline: 19950104

L15 ANSWER 49 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:601683 HCAPLUS
DOCUMENT NUMBER: 121:201683
TITLE: Transient activation of RAF-1, MEK, and ERK2 coincides kinetically with ternary complex factor phosphorylation and immediate-early gene promoter activity *in vivo*
AUTHOR(S): Hipskind, Robert A.; Baccarini, Manuela; Nordheim, Alfred
CORPORATE SOURCE: Inst. Molecular Biology, Hannover Medical School, Hannover, Germany
SOURCE: Molecular and Cellular Biology (1994), 14(9), 6219-31
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 50 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:455519 HCAPLUS
DOCUMENT NUMBER: 121:55519
TITLE: Stimulation of macrophage Fc γ RIIIA activates the receptor-associated protein **tyrosine** kinase Syk and induces phosphorylation of multiple proteins including p95Vav and p62/GAP-associated protein
AUTHOR(S): Darby, Christine; Geahlen, Robert L.; Schreiber, Alan D.
CORPORATE SOURCE: Dep. Med., Univ. Pennsylvania, Philadelphia, PA, 19104, USA
SOURCE: Journal of Immunology (1994), 152(11), 5429-37
CODEN: JOIMA3; ISSN: 0022-1767
DOCUMENT TYPE: Journal

LANGUAGE: English

L15 ANSWER 51 OF 104 MEDLINE on STN
ACCESSION NUMBER: 95022650 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7936664
TITLE: Characterization of mouse non-receptor tyrosine kinase gene, HYL.
AUTHOR: Hamaguchi I; Iwama A; Yamaguchi N; Sakano S; Matsuda Y; Suda T
CORPORATE SOURCE: Department of Cell Differentiation, Kumamoto University School of Medicine, Japan.
SOURCE: Oncogene, (1994 Nov) 9 (11) 3371-4.
JOURNAL code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199411
ENTRY DATE: Entered STN: 19941222
Last Updated on STN: 19941222
Entered Medline: 19941110

L15 ANSWER 52 OF 104 MEDLINE on STN
ACCESSION NUMBER: 94366747 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8084603
TITLE: Human ltk receptor tyrosine kinase binds to PLC-gamma 1, PI3-K, GAP and Raf-1 in vivo.
AUTHOR: Kozutsumi H; Toyoshima H; Hagiwara K; Yazaki Y; Hirai H
CORPORATE SOURCE: Third Department of Internal Medicine, Faculty of Medicine, University of Tokyo, Japan.
SOURCE: Oncogene, (1994 Oct) 9 (10) 2991-8.
JOURNAL code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199410
ENTRY DATE: Entered STN: 19941021
Last Updated on STN: 20000303
Entered Medline: 19941013

L15 ANSWER 53 OF 104 MEDLINE on STN
ACCESSION NUMBER: 94117408 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8288563
TITLE: Identification and characterization of a novel tyrosine kinase from megakaryocytes.
AUTHOR: Bennett B D; Cowley S; Jiang S; London R; Deng B; Grabarek J; Groopman J E; Goeddel D V; Avraham H
CORPORATE SOURCE: Division of Hematology/Oncology, New England Deaconess Hospital, Harvard Medical School, Boston, Massachusetts 02215.
CONTRACT NUMBER: HL33774 (NHLBI)
HL42112 (NHLBI)
HL43510 (NHLBI)
+
SOURCE: Journal of biological chemistry, (1994 Jan 14) 269 (2) 1068-74.
JOURNAL code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-L18974
ENTRY MONTH: 199402
ENTRY DATE: Entered STN: 19940312
Last Updated on STN: 19940312
Entered Medline: 19940222

L15 ANSWER 54 OF 104 MEDLINE on STN DUPLICATE 2
ACCESSION NUMBER: 94368701 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8086340
TITLE: Cloning and mRNA expression analysis of a novel human protooncogene, c-mer.
COMMENT: Erratum in: Cell Growth Differ 1994 Sep;5(9):1022
AUTHOR: Graham D K; Dawson T L; Mullaney D L; Snodgrass H R; Earp H S
CORPORATE SOURCE: Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill 27599-7295.
CONTRACT NUMBER: A107273 (NIDDK)
DK4351701 (NIGMS)
GM07040
SOURCE: Cell growth & differentiation : molecular biology journal of the American Association for Cancer Research, (1994 Jun) 5 (6) 647-57.
Journal code: 9100024. ISSN: 1044-9523.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U08023
ENTRY MONTH: 199410
ENTRY DATE: Entered STN: 19941031
Last Updated on STN: 19960129
Entered Medline: 19941020

L15 ANSWER 55 OF 104 MEDLINE on STN
ACCESSION NUMBER: 94019298 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8413224
TITLE: Conditional transformation of cells and rapid activation of the mitogen-activated protein kinase cascade by an estradiol-dependent **human raf-1 protein kinase**.
AUTHOR: Samuels M L; Weber M J; Bishop J M; McMahon M
CORPORATE SOURCE: DNAX Research Institute of Molecular and Cellular Biology,
Palo Alto, California 94304.
CONTRACT NUMBER: CA 39076 (NCI)
CA 40042 (NCI)
GM 47332 (NIGMS)
+
SOURCE: Molecular and cellular biology, (1993 Oct) 13 (10) 6241-52.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199310
ENTRY DATE: Entered STN: 19940117
Last Updated on STN: 20000303
Entered Medline: 19931026

L15 ANSWER 56 OF 104 MEDLINE on STN DUPLICATE 3
ACCESSION NUMBER: 94020815 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7692369
TITLE: Two **human FLT4 receptor tyrosine kinase** isoforms with distinct carboxy terminal

tails are produced by alternative processing of primary transcripts.

AUTHOR: Pajusola K; Aprelikova O; Armstrong E; Morris S; Alitalo K
CORPORATE SOURCE: Department of Pathology, University of Helsinki, Finland.
SOURCE: Oncogene, (1993 Nov) 8 (11) 2931-7.
Journal code: 8711562. ISSN: 0950-9232.

PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199311
ENTRY DATE: Entered STN: 19940117
Last Updated on STN: 20000303
Entered Medline: 19931124

L15 ANSWER 57 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1993:663980 HCPLUS
DOCUMENT NUMBER: 119:263980
TITLE: Regulation of the human c-fes protein **tyrosine** kinase (p93c-fes) by its src homology 2 domain and major autophosphorylation site (Tyr-713)
AUTHOR(S): Hjermstad, Scott J.; Peters, Kristi L.; Briggs, Scott D.; Glazer, Robert I.; Smithgall, Thomas E.
CORPORATE SOURCE: Eppley Inst. Res. Cancer, Omaha, NE, 68198-6805, USA
SOURCE: Oncogene (1993), 8(8), 2283-92
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 58 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1993:319695 BIOSIS
DOCUMENT NUMBER: PREV199396028045
TITLE: Distinct rat genes with related profiles of expression define a TIE receptor **tyrosine** kinase family.
AUTHOR(S): Maisonnier, Peter C. [Reprint author]; Goldfarb, Mitchell; Yancopoulos, George D.; Gao, Guangxia
CORPORATE SOURCE: Regeneron Pharmaceuticals Inc., 777 Old Saw Mill River Rd., Tarrytown, NY 10591, USA
SOURCE: Oncogene, (1993) Vol. 8, No. 6, pp. 1631-1637.
CODEN: ONCNES. ISSN: 0950-9232.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 12 Jul 1993
Last Updated on STN: 13 Jul 1993

L15 ANSWER 59 OF 104 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 93357469 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7688988
TITLE: Expression of isoforms of the **human** receptor **tyrosine kinase** c-kit in leukemic cell lines and acute myeloid leukemia.
AUTHOR: Crosier P S; Ricciardi S T; Hall L R; Vitas M R; Clark S C; Crosier K E
CORPORATE SOURCE: Department of Molecular Medicine, School of Medicine, University of Auckland, New Zealand.
SOURCE: Blood, (1993 Aug 15) 82 (4) 1151-8.
Journal code: 7603509. ISSN: 0006-4971.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199309

ENTRY DATE: Entered STN: 19931008

Last Updated on STN: 20000303

Entered Medline: 19930917

L15 ANSWER 60 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:450976 HCAPLUS
DOCUMENT NUMBER: 121:50976
TITLE: Characterization of the promoter region of the human c-kit proto-oncogene
AUTHOR(S): Yamamoto, Katsuya; Tojo, Arinobu; Aoki, Nobuo; Shibuya, Masabumi
CORPORATE SOURCE: Inst. Med. Sci., Univ. Tokyo, Tokyo, 108, Japan
SOURCE: Japanese Journal of Cancer Research (1993), 84(11), 1136-44
DOCUMENT TYPE: CODEN: JJCREP; ISSN: 0910-5050
LANGUAGE: Journal English

L15 ANSWER 61 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1993:623882 HCAPLUS
DOCUMENT NUMBER: 119:223882
TITLE: Interleukin-2 induces tyrosine phosphorylation of the vav proto-oncogene product in human T cells: Lack of requirement for the tyrosine kinase lck
AUTHOR(S): Evans, Gerald A.; Howard, O. M. Zack; Erwin, Rebecca; Farrar, William L.
CORPORATE SOURCE: Biol. Carcinogen. Dev. Program, Program Resour./DynCorp, Frederick, MD, 21702-1201, USA
SOURCE: Biochemical Journal (1993), 294(2), 339-42
DOCUMENT TYPE: CODEN: BIJOAK; ISSN: 0306-3275
LANGUAGE: Journal English

L15 ANSWER 62 OF 104 MEDLINE on STN
ACCESSION NUMBER: 93295239 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7685849
TITLE: Increased tyrosine kinase activity in pp60c-src immunoprecipitate from platelet activating factor stimulated human platelets: in vitro phosphorylation of a synthetic peptide.
AUTHOR: Zhu C Y; Shukla S D
CORPORATE SOURCE: Department of Pharmacology, School of Medicine, University of Missouri-Columbia 65212.
CONTRACT NUMBER: DK01782 (NIDDK)
DK35170 (NIDDK)
SOURCE: Life sciences, (1993) 53 (2) 175-83.
Journal code: 0375521. ISSN: 0024-3205.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199307
ENTRY DATE: Entered STN: 19930806
Last Updated on STN: 19960129
Entered Medline: 19930716

L15 ANSWER 63 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1993:668908 HCAPLUS
DOCUMENT NUMBER: 119:268908
TITLE: T cell activation by clustered tyrosine kinases
AUTHOR(S): Kolanus, Waldemar; Romeo, Charles; Seed, Brian

CORPORATE SOURCE: Dep. Genet., Harvard Med. Sch., Boston, MA, 02114, USA
SOURCE: Cell (Cambridge, MA, United States) (1993), 74(1),
171-83
CODEN: CELLB5; ISSN: 0092-8674
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 64 OF 104 MEDLINE on STN
ACCESSION NUMBER: 92317031 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1377679
TITLE: Differential effects of W mutations on p145c-kit
tyrosine kinase activity and substrate interaction.
AUTHOR: Herbst R; Shearman M S; Obermeier A; Schlessinger J;
Ullrich A
CORPORATE SOURCE: Department of Molecular Biology, Max-Planck-Institut fur
Biochemie, Martinsried, Federal Republic of Germany.
SOURCE: Journal of biological chemistry, (1992 Jul 5) 267 (19)
13210-6.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199208
ENTRY DATE: Entered STN: 19920815
Last Updated on STN: 20000303
Entered Medline: 19920805

L15 ANSWER 65 OF 104 MEDLINE on STN
ACCESSION NUMBER: 92347326 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1639064
TITLE: The **human p50csk tyrosine**
kinase phosphorylates p56lck at Tyr-505 and down
regulates its catalytic activity.
AUTHOR: Bergman M; Mustelin T; Oetken C; Partanen J; Flint N A;
Amrein K E; Autero M; Burn P; Alitalo K
CORPORATE SOURCE: Department of Pathology, University of Helsinki, Finland.
SOURCE: EMBO journal, (1992 Aug) 11 (8) 2919-24.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199208
ENTRY DATE: Entered STN: 19920911
Last Updated on STN: 19980206
Entered Medline: 19920828

L15 ANSWER 66 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:26150 HCAPLUS
DOCUMENT NUMBER: 120:26150
TITLE: Activation of the c-RAF protein kinase by protein
kinase C phosphorylation
AUTHOR(S): Soezeri, Osman; Vollmer, Kerstin; Liyanage, Marek;
Frith, David; Kour, Gurdip; Mark, George E., III;
Stabel, Silvia
CORPORATE SOURCE: Max-Delbrueck-Lab., Max-Planck-Ges., Cologne,
D-5000/30, Germany
SOURCE: Oncogene (1992), 7(11), 2259-62
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 67 OF 104 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 92153536 EMBASE
DOCUMENT NUMBER: 1992153536
TITLE: Elevated expression of pp60(c-src) in low grade human bladder carcinomas.
AUTHOR: Fanning P.; Bulovas K.; Saini K.S.; Libertino J.A.; Joyce A.D.; Summerhayes I.C.
CORPORATE SOURCE: Laboratory of Cancer Biology, Department of Surgery, New England Deaconess Hospital, Boston, MA 02115, United States
SOURCE: Cancer Research, (1992) 52/6 (1457-1462).
ISSN: 0008-5472 CODEN: CNREA8
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 016 Cancer
022 Human Genetics
LANGUAGE: English
SUMMARY LANGUAGE: English

L15 ANSWER 68 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 1992:347387 BIOSIS
DOCUMENT NUMBER: PREV199294039612; BA94:39612
TITLE: EVIDENCE FOR NON-COVALENT CLUSTERS OF THE C-MET PROTO-ONCOGENE PRODUCT.
AUTHOR(S): FALETTO D L [Reprint author]; TSARFATY I; KMIECIK T E; GONZATTI M; SUZUKI T; WOUDE G F V
CORPORATE SOURCE: ABL-BASIC RES PROGRAM, NCI-FREDERICK CANCER RES DEV CENTER, PO BOX B, FREDERICK, MD 21702, USA
SOURCE: Oncogene, (1992) Vol. 7, No. 6, pp. 1149-1157.
CODEN: ONCNES. ISSN: 0950-9232.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 29 Jul 1992
Last Updated on STN: 30 Jul 1992

L15 ANSWER 69 OF 104 MEDLINE on STN DUPLICATE 5

ACCESSION NUMBER: 92237010 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1373873
TITLE: Human protein-tyrosine kinase gene HCK: expression and structural analysis of the promoter region.
AUTHOR: Lichtenberg U; Quintrell N; Bishop J M
CORPORATE SOURCE: Department of Microbiology and Immunology, University of California, San Francisco 94143.
CONTRACT NUMBER: CA 44338 (NCI)
SOURCE: Oncogene, (1992 May) 7 (5) 849-58.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199205
ENTRY DATE: Entered STN: 19920612
Last Updated on STN: 19960129
Entered Medline: 19920528

L15 ANSWER 70 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 1992:236723 BIOSIS
DOCUMENT NUMBER: PREV199293124748; BA93:124748
TITLE: MODULATION OF NORMAL ERYTHROID DIFFERENTIATION BY THE

AUTHOR(S) : ENDOGENOUS THYROID HORMONE AND RETINOIC ACID RECEPTORS A
CORPORATE SOURCE: POSSIBLE TARGET FOR V-ERBA ONCOGENE ACTION.
SCHROEDER C [Reprint author]; GIBSON L; ZENKE M; BEUG H
INST MOLECULAR PATHOLOGY, DR BOHR-GASSE 7, A 1030 VIENNA,
AUSTRIA
SOURCE: Oncogene, (1992) Vol. 7, No. 2, pp. 217-227.
CODEN: ONCNES. ISSN: 0950-9232.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 10 May 1992
Last Updated on STN: 10 May 1992

L15 ANSWER 71 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1992:376469 BIOSIS
DOCUMENT NUMBER: PREV199243043419; BR43:43419
TITLE: A TRANSCRIPTION FACTOR ? JOINS THE SH2 CROWD.
AUTHOR(S) : STEELE R E [Reprint author]
CORPORATE SOURCE: DEP BIOLOGICAL CHEM DEVELOPMENTAL BIOL CENTER, UNIVERSITY
CALIFORNIA, IRVINE, CALIF 92717-1700, USA
SOURCE: Trends in Biochemical Sciences, (1992) Vol. 17, No. 6, pp.
205-206.
ISSN: 0968-0004.
DOCUMENT TYPE: Article
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 17 Aug 1992
Last Updated on STN: 17 Aug 1992

L15 ANSWER 72 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1992:363476 BIOSIS
DOCUMENT NUMBER: PREV199243041626; BR43:41626
TITLE: MODULATION OF THE C-KIT RECEPTOR IN BREAST CARCINOMA.
AUTHOR(S) : NATALI P G [Reprint author]; NICOTRA M R; SURES I; BIGOTTI
A; ULLRICH A
CORPORATE SOURCE: REGINA ELENA CANCER INST, ROME, ITALY
SOURCE: Proceedings of the American Association for Cancer Research
Annual Meeting, (1992) Vol. 33, pp. 22.
Meeting Info.: 83RD ANNUAL MEETING OF THE AMERICAN
ASSOCIATION FOR CANCER RESEARCH, SAN DIEGO, CALIFORNIA,
USA, MAY 20-23, 1992. PROC AM ASSOC CANCER RES ANNU MEET.
ISSN: 0197-016X.
DOCUMENT TYPE: Conference; (Meeting)
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 30 Jul 1992
Last Updated on STN: 30 Jul 1992

L15 ANSWER 73 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1991:454943 BIOSIS
DOCUMENT NUMBER: PREV199192099723; BA92:99723
TITLE: INCREASED DNA BINDING AND TRANSCRIPTIONAL ACTIVITY
ASSOCIATED WITH TRANSCRIPTION FACTOR SP1 IN K562 CELLS
TRANSFECTED WITH THE MYELOID-SPECIFIC C-FES
TYROSINE KINASE GENE.
AUTHOR(S) : BORELLINI F [Reprint author]; HE Y F; AQUINO A; YU G;
JOSEPHS S F; GLAZER R I
CORPORATE SOURCE: GEORGETOWN UNIVERSITY MEDICAL CENTER, 4 RESEARCH COURT,
ROCKVILLE, MD 20850, USA
SOURCE: Journal of Biological Chemistry, (1991) Vol. 266, No. 24,

pp. 15850-15854.
CODEN: JBCHA3. ISSN: 0021-9258.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 11 Oct 1991
Last Updated on STN: 11 Oct 1991

L15 ANSWER 74 OF 104 MEDLINE on STN DUPLICATE 6
ACCESSION NUMBER: 91310691 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1713213
TITLE: Recombinant human pim-1 protein exhibits serine/threonine kinase activity.
AUTHOR: Hoover D; Friedmann M; Reeves R; Magnuson N S
CORPORATE SOURCE: Program in Genetics and Cell Biology, Washington State University, Pullman 99164.
CONTRACT NUMBER: R01-A126356
SOURCE: Journal of biological chemistry, (1991 Jul 25) 266 (21) 14018-23.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199108
ENTRY DATE: Entered STN: 19910913
Last Updated on STN: 19970203
Entered Medline: 19910823

L15 ANSWER 75 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1992:104062 HCAPLUS
DOCUMENT NUMBER: 116:104062
TITLE: C-terminal truncated forms of Met, the hepatocyte growth factor receptor
AUTHOR(S): Prat, Maria; Crepaldi, Tiziana; Gandino, Lucia; Giordano, Silvia; Longati, Paola; Comoglio, Paolo
CORPORATE SOURCE: Sch. Med., Univ. Torino, Turin, 10126, Italy
SOURCE: Molecular and Cellular Biology (1991), 11(12), 5954-62
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 76 OF 104 MEDLINE on STN DUPLICATE 7
ACCESSION NUMBER: 91288576 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1712111
TITLE: Evidence for regulation of the **human ABL tyrosine kinase** by a cellular inhibitor.
AUTHOR: Pendegast A M; Muller A J; Havlik M H; Clark R; McCormick F; Witte O N
CORPORATE SOURCE: Department of Microbiology and Molecular Genetics, University of California, Los Angeles 90024.
CONTRACT NUMBER: GM07185 (NIGMS)
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (1991 Jul 1) 88 (13) 5927-31.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199108
ENTRY DATE: Entered STN: 19910825
Last Updated on STN: 19960129
Entered Medline: 19910802

L15 ANSWER 77 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 1992:74040 BIOSIS
DOCUMENT NUMBER: PREV199293042495; BA93:42495
TITLE: EXPRESSION AND FUNCTIONAL ROLE OF THE PROTO-ONCOGENE C-KIT IN ACUTE MYELOBLASTIC LEUKEMIA CELLS.
AUTHOR(S): IKEDA H [Reprint author]; KANAKURA Y; TAMAKI T; KURIU A; KITAYAMA H; ISHIKAWA J; KANAYAMA Y; YONEZAWA T; TARUI S; GRIFFIN J D
CORPORATE SOURCE: SECOND DEP INTERNAL MEDICINE, OSAKA UNIVERSITY MEDICAL SCHOOL, 1-1-50 FUKUSHIMA, FUKUSHIMA-KU, OSAKA 553, JPN
SOURCE: Blood, (1991) Vol. 78, No. 11, pp. 2962-2968.
CODEN: BLOOAW. ISSN: 0006-4971.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 2 Feb 1992
Last Updated on STN: 2 Feb 1992

L15 ANSWER 78 OF 104 MEDLINE on STN

ACCESSION NUMBER: 91252257 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2041764
TITLE: Dinucleotide repeat polymorphism at the **human fms-related tyrosine kinase gene** (FLT1).
AUTHOR: Polymeropoulos M H; Rath D S; Xiao H; Merril C R
CORPORATE SOURCE: National Institute of Mental Health Neuroscience Center, St Elizabeths Hospital, Washington, DC 20032.
SOURCE: Nucleic acids research, (1991 May 25) 19 (10) 2803.
Journal code: 0411011. ISSN: 0305-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199107
ENTRY DATE: Entered STN: 19910728
Last Updated on STN: 19950206
Entered Medline: 19910711

L15 ANSWER 79 OF 104 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 92002751 EMBASE
DOCUMENT NUMBER: 1992002751
TITLE: Characterization of Ws mutant allele of rats: A 12-base deletion in **tyrosine kinase domain of c-kit gene**.
AUTHOR: Tsujimura T.; Hirota S.; Nomura S.; Niwa Y.; Yamazaki M.; Tono T.; Morii E.; Kim H.-M.; Kondo K.; Nishimune Y.; Kitamura Y.
CORPORATE SOURCE: Department of Pathology, Osaka University Med. School, Yamada-oka 2-2, Suita, Osaka, 565, Japan
SOURCE: Blood, (1991) 78/8 (1942-1946).
ISSN: 0006-4971 CODEN: BLOOAW
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 025 Hematology
LANGUAGE: English
SUMMARY LANGUAGE: English

L15 ANSWER 80 OF 104 MEDLINE on STN

DUPLICATE 8

ACCESSION NUMBER: 92003927 MEDLINE
DOCUMENT NUMBER: PubMed ID: 1717073

TITLE: Involvement of **tyrosine** kinases in the activation
of human peripheral blood neutrophils by
granulocyte-macrophage colony-stimulating factor.
AUTHOR: McColl S R; DiPersio J F; Caon A C; Ho P; Naccache P H
CORPORATE SOURCE: Centre de Recherche en Inflammation, Immunologie et
Rhumatologie, Universite Laval, Sainte-Foy, Quebec, Canada.
SOURCE: Blood, (1991 Oct 1) 78 (7) 1842-52.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199111
ENTRY DATE: Entered STN: 19920124
Last Updated on STN: 19970203
Entered Medline: 19911114

L15 ANSWER 81 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1991:403885 HCPLUS
DOCUMENT NUMBER: 115:3885
TITLE: The **tyrosine** kinase encoded by the MET
proto-oncogene is activated by
autophosphorylation
AUTHOR(S): Naldini, Luigi; Vigna, Elisa; Ferracini, Riccardo;
Longati, Paola; Gandino, Lucia; Prat, Maria; Comoglio,
Paolo M.
CORPORATE SOURCE: Med. Sch., Univ. Turin, Turin, 10126, Italy
SOURCE: Molecular and Cellular Biology (1991), 11(4), 1793-803
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 82 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1991:137218 HCPLUS
DOCUMENT NUMBER: 114:137218
TITLE: Activation of **tyrosine** kinase and
microfilament-binding functions of c-abl by bcr
sequences in bcr/abl fusion proteins
AUTHOR(S): McWhirter, John R.; Wang, Jean Y. J.
CORPORATE SOURCE: Cent. Mol. Genet., Univ. California, La Jolla, CA,
92093-0116, USA
SOURCE: Molecular and Cellular Biology (1991), 11(3), 1553-65
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 83 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1991:672239 HCPLUS
DOCUMENT NUMBER: 115:272239
TITLE: Localization of the TRK **proto-**
oncogene to human chromosome bands 1q23-1q24
AUTHOR(S): Morris, C. M.; Hao, Q. L.; Heisterkamp, N.;
Fitzgerald, P. H.; Groffen, J.
CORPORATE SOURCE: Cytogenet. Mol. Oncol. Unit, Christchurch Hosp.,
Christchurch, N. Z.
SOURCE: Oncogene (1991), 6(6), 1093-5
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 84 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1991:295121 BIOSIS

DOCUMENT NUMBER: PREV199192016136; BA92:16136
TITLE: THE TRK PROTO-ONCOGENE PRODUCT A SIGNAL
TRANSDUCING RECEPTOR FOR NERVE GROWTH FACTOR.
AUTHOR(S): KAPLAN D R [Reprint author]; HEMPSTEAD B L; MARTIN-ZANCA D;
CHAO M V; PARADA L F
CORPORATE SOURCE: MOLECULAR EMBRYOL GROUP, ADVANCED BIOSCI LAB-BASIC RESEARCH
PROGRAM, NATIONAL CANCER INST-FREDERICK CANCER RESEARCH
DEVELOPMENT CENTER, PO BOX B, FREDERICK, MD 21702, USA
SOURCE: Science (Washington D C), (1991) Vol. 252, No. 5005, pp.
554-558.
CODEN: SCIEAS. ISSN: 0036-8075.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 25 Jun 1991
Last Updated on STN: 26 Jun 1991

L15 ANSWER 85 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1991:399980 BIOSIS
DOCUMENT NUMBER: PREV199141061825; BR41:61825
TITLE: THE C-FGR PROTO-ONCOGENE EXPRESSION IN
EPSTEIN-BARR-VIRUS-INFECTED B LYMPHOCYTES AND IN CELLS OF
THE MYELOMONOCYTIC AND GRANULOCYTIC LINEAGES.
AUTHOR(S): PATEL M [Reprint author]; FAULKNER L; KATZ D R; BRICKELL P
M
CORPORATE SOURCE: MEDICAL MOLECULAR BIOL UNIT, DEP BIOCHEM AND MOL BIOL, UNIV
COLLEGE AND MIDDLESEX SCHOOL MED, WINDEYER BUILDING,
CLEVELAND STREET, LONDON W1P 6DB, UK
SOURCE: Pathobiology, (1991) Vol. 59, No. 4, pp. 289-292.
Meeting Info.: SYMPOSIUM ON THE MACROPHAGE 1990, PART II,
HELD AT THE 1990 ANNUAL CONFERENCE OF THE UPPER RHINE
UNIVERSITIES, FREIBURG, GERMANY, SEPTEMBER 6-8, 1990.
PATHOBIOLOGY.
CODEN: PATHEF. ISSN: 1015-2008.
DOCUMENT TYPE: Conference; (Meeting)
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 31 Aug 1991
Last Updated on STN: 31 Aug 1991

L15 ANSWER 86 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1991:4106 BIOSIS
DOCUMENT NUMBER: PREV199191004106; BA91:4106
TITLE: RECEPTOR FUNCTIONS AND LIGAND-DEPENDENT TRANSFORMING
POTENTIAL OF A CHIMERIC KIT PROTO-
ONCOGENE.
AUTHOR(S): LEV S [Reprint author]; YARDEN Y; GIVOL D
CORPORATE SOURCE: DEP CHEM IMMUNOL, WEIZMANN INST OF SCI, REHOVOT 76100,
ISRAEL
SOURCE: Molecular and Cellular Biology, (1990) Vol. 10, No. 11, pp.
6064-6068.
CODEN: MCEBD4. ISSN: 0270-7306.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 8 Dec 1990
Last Updated on STN: 9 Dec 1990

L15 ANSWER 87 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:510344 HCPLUS
DOCUMENT NUMBER: 113:110344

TITLE: Human trk oncogenes activated by point mutation, in-frame deletion, and duplication of the tyrosine kinase domain
AUTHOR(S) : Coulier, Francois; Kumar, Ramesh; Ernst, Mary; Klein, Rudiger; Martin-Zanca, Dionisio; Barbacid, Mariano
CORPORATE SOURCE: Frederick Cancer Res. Facil., Natl. Cancer Inst., Frederick, MD, 21701, USA
SOURCE: Molecular and Cellular Biology (1990), 10(8), 4202-10
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 88 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:495294 HCAPLUS
DOCUMENT NUMBER: 113:95294
TITLE: Thrombin-dependent association of phosphatidylinositol-3 kinase with p60c-src and p59fyn in human platelets
AUTHOR(S) : Gutkind, J. Silvio; Lacal, Pedro M.; Robbins, Keith C.
CORPORATE SOURCE: Lab. Cell. Dev. Oncol., Natl. Inst. Dent. Res., Bethesda, MD, 20892, USA
SOURCE: Molecular and Cellular Biology (1990), 10(7), 3806-9
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 89 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1990:367397 BIOSIS
DOCUMENT NUMBER: PREV199039051873; BR39:51873
TITLE: SIGNAL TRANSDUCTION BY THE COLONY-STIMULATING FACTOR 1 RECEPTOR.
AUTHOR(S) : SHERR C J [Reprint author]; ROUSSEL M F; BORZILLO G V; SHURTLEFF S; KATO J-Y; DOWNING J R
CORPORATE SOURCE: HOWARD HUGHES MED INST, DEP TUMOR CELL BIOL, ST JUDE CHILDREN'S RES HOSP, MEMPHIS, TENN 38105, USA
SOURCE: FASEB Journal, (1990) Vol. 4, No. 7, pp. A2325. Meeting Info.: JOINT MEETING OF THE AMERICAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY, AND THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS, NEW ORLEANS, LOUISIANA, USA, JUNE 4-7, 1990. FASEB (FED AM SOC EXP BIOL) J. CODEN: FAJOEC. ISSN: 0892-6638.
DOCUMENT TYPE: Conference; (Meeting)
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 11 Aug 1990
Last Updated on STN: 11 Aug 1990

L15 ANSWER 90 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1990:173436 HCAPLUS
DOCUMENT NUMBER: 112:173436
TITLE: Tyrosine kinase activity and transformation potency of bcr-abl oncogene products
AUTHOR(S) : Lugo, Tracy G.; Pendergast, Ann Marie; Muller, Alexander J.; Witte, Owen N.
CORPORATE SOURCE: Dep. Microbiol., Univ. California, Los Angeles, CA, 90024, USA
SOURCE: Science (Washington, DC, United States) (1990), 247(4946), 1079-82
CODEN: SCIEAS; ISSN: 0036-8075
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 91 OF 104 MEDLINE on STN

ACCESSION NUMBER: 90221591 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2158038
TITLE: Nucleotide sequence and expression of a novel **human**
receptor-type **tyrosine kinase** gene
(flt) closely related to the fms family.
AUTHOR: Shibuya M; Yamaguchi S; Yamane A; Ikeda T; Tojo A;
Matsushime H; Sato M
CORPORATE SOURCE: Department of Genetics, University of Tokyo, Japan.
SOURCE: Oncogene, (1990 Apr) 5 (4) 519-24.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-X51602
ENTRY MONTH: 199005
ENTRY DATE: Entered STN: 19900622
Last Updated on STN: 20000303
Entered Medline: 19900518

L15 ANSWER 92 OF 104 MEDLINE on STN
ACCESSION NUMBER: 91005325 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2209086
TITLE: The **human tyrosine kinase**
gene (FER) maps to chromosome 5 and is deleted in myeloid
leukemias with a del(5q).
AUTHOR: Morris C; Heisterkamp N; Hao Q L; Testa J R; Groffen J
CORPORATE SOURCE: Department of Pathology, Children's Hospital of Los
Angeles, CA.
CONTRACT NUMBER: CA47456 (NCI)
SOURCE: Cytogenetics and cell genetics, (1990) 53 (4) 196-200.
Journal code: 0367735. ISSN: 0301-0171.
PUB. COUNTRY: Switzerland
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199011
ENTRY DATE: Entered STN: 19910117
Last Updated on STN: 19910117
Entered Medline: 19901121

L15 ANSWER 93 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1991:45621 BIOSIS
DOCUMENT NUMBER: PREV199191023902; BA91:23902
TITLE: EXPRESSION OF A NOVEL FORM OF THE FYN PROTO-
ONCOGENE IN HEMATOPOIETIC CELLS.
AUTHOR(S): COOKE M P [Reprint author]; PERLMUTTER R M
CORPORATE SOURCE: HOWARD HUGHES MED INST, DEP BIOCHEM, UNIV WASHINGTON,
SEATTLE, WASHINGTON 98195, USA
SOURCE: New Biologist, (1989) Vol. 1, No. 1, pp. 66-74.
CODEN: NEBIE2. ISSN: 1043-4674.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
OTHER SOURCE: GENBANK-M27266
ENTRY DATE: Entered STN: 10 Jan 1991
Last Updated on STN: 11 Jan 1991

L15 ANSWER 94 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 1989-00547 BIOTECHDS
TITLE: Human arg gene related to but distinct from abl **proto**
-oncogene;

gene cloning of a member of the tyrosine-kinase
encoding gene family

PATENT ASSIGNEE: U.S. Dept. Health-Human-Serv.
PATENT INFO: US 7135280 6 Sep 1988
APPLICATION INFO: US 1987-135280 21 Dec 1987
PRIORITY INFO: US 1987-135280 21 Dec 1987
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 1988-300016 [42]

L15 ANSWER 95 OF 104 MEDLINE on STN
ACCESSION NUMBER: 89082634 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2462672
TITLE: Human cdc2 protein kinase is a major
cell-cycle regulated tyrosine kinase substrate.
AUTHOR: Draetta G; Piwnica-Worms H; Morrison D; Druker B; Roberts
T; Beach D
CORPORATE SOURCE: Cold Spring Harbor Laboratory, New York 11724.
SOURCE: Nature, (1988 Dec 22-29) 336 (6201) 738-44.
Journal code: 0410462. ISSN: 0028-0836.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198902
ENTRY DATE: Entered STN: 19900308
Last Updated on STN: 19970203
Entered Medline: 19890201

L15 ANSWER 96 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1988:125822 HCPLUS
DOCUMENT NUMBER: 108:125822
TITLE: The human c-fps/fes gene product expressed ectopically
in rat fibroblasts is nontransforming and has
restrained protein-tyrosine kinase activity
AUTHOR(S): Greer, Peter A.; Meckling-Hansen, Kelly; Pawson, Tony
CORPORATE SOURCE: Res. Inst., Mt. Sinai Hosp., Toronto, ON, M5G 1X5,
Can.
SOURCE: Molecular and Cellular Biology (1988), 8(2), 578-87
DOCUMENT TYPE: CODEN: MCEBD4; ISSN: 0270-7306
LANGUAGE: Journal
English

L15 ANSWER 97 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1989:527935 HCPLUS
DOCUMENT NUMBER: 111:127935
TITLE: Cloning and expression of the ret proto-
oncogene encoding a tyrosine kinase
with two potential transmembrane domains
AUTHOR(S): Takahashi, Masahide; Buma, Yumiko; Iwamoto, Takashi;
Inaguma, Yutaka; Ikeda, Hidetoshi; Hiai, Hiroshi
CORPORATE SOURCE: Lab. Exp. Pathol., Aichi Cancer Cent. Res. Inst.,
Nagoya, 464, Japan
SOURCE: Oncogene (1988), 3(5), 571-8
DOCUMENT TYPE: CODEN: ONCNES; ISSN: 0950-9232
LANGUAGE: Journal
English

L15 ANSWER 98 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1988:365900 BIOSIS
DOCUMENT NUMBER: PREV198835050513; BR35:50513
TITLE: THE MACROPHAGE COLONY STIMULATING FACTOR CSF-1 AND ITS

RECEPTOR THE C-FMS PROTO-ONCOGENE
PRODUCT.

AUTHOR(S) : SHERR C J [Reprint author]; ROUSSEL M F; RETTENMIER C W
CORPORATE SOURCE: DEP TUMOR CELL BIOL, ST JUDE CHILD RES HOSP, MEMPHIS, TENN
38101, USA

SOURCE: Leukemia (Basingstoke), (1988) Vol. 2, No. 3, pp. 187.
Meeting Info.: MEETING ON LEUKEMIA: MOLECULAR ALTERATIONS
AND CELLULAR PROLIFERATION HELD AT THE FOURTH NATIONAL
SYMPOSIUM OF THE LEUKEMIA SOCIETY OF AMERICA, NEW ORLEANS,
LOUISIANA, USA, MARCH 16-19, 1988. LEUKEMIA (BALTIMORE).
CODEN: LEUKED. ISSN: 0887-6924.

DOCUMENT TYPE: Conference; (Meeting)
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 9 Aug 1988
Last Updated on STN: 9 Aug 1988

L15 ANSWER 99 OF 104 HCPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1987:592020 HCPLUS
DOCUMENT NUMBER: 107:192020
TITLE: Identification of a human gene (HCK) that encodes a
protein-tyrosine kinase and is expressed in
hemopoietic cells

AUTHOR(S) : Quintrell, Nancy; Lebo, Roger; Varmus, Harold; Bishop,
J. Michael; Pettenati, Mark J.; Le Beau, Michelle M.;
Diaz, Manuel O.; Rowley, Janet D.

CORPORATE SOURCE: Dep. Microbiol. Immunol., Univ. California, San
Francisco, CA, 94143, USA

SOURCE: Molecular and Cellular Biology (1987), 7(6), 2267-75
CODEN: MCEBD4; ISSN: 0270-7306

DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 100 OF 104 MEDLINE on STN DUPLICATE 9
ACCESSION NUMBER: 88006998 MEDLINE
DOCUMENT NUMBER: PubMed ID: 3115921
TITLE: Regional localization of the human c-ros-1 on 6q22 and flt
on 13q12.

AUTHOR: Satoh H; Yoshida M C; Matsushime H; Shibuya M; Sasaki M
CORPORATE SOURCE: Chromosome Research Unit, Faculty of Science, Hokkaido
University, Sapporo.

SOURCE: Japanese journal of cancer research : Gann, (1987 Aug) 78
(8) 772-5.
Journal code: 8509412. ISSN: 0910-5050.

PUB. COUNTRY: Japan
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198711
ENTRY DATE: Entered STN: 19900305
Last Updated on STN: 19900305
Entered Medline: 19871106

L15 ANSWER 101 OF 104 MEDLINE on STN
ACCESSION NUMBER: 87247228 MEDLINE
DOCUMENT NUMBER: PubMed ID: 3109943
TITLE: Interaction of the human insulin receptor with the ras
oncogene product p21.

AUTHOR: O'Brien R M; Sidde K; Houslay M D; Hall A
SOURCE: FEBS letters, (1987 Jun 15) 217 (2) 253-9.
Journal code: 0155157. ISSN: 0014-5793.

PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198707
ENTRY DATE: Entered STN: 19900305
Last Updated on STN: 20000303
Entered Medline: 19870729

L15 ANSWER 102 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1988:467930 HCAPLUS
DOCUMENT NUMBER: 109:67930
TITLE: The human met oncogene is a member of the tyrosine kinase family
AUTHOR(S): Gonzatti-Haces, Mary; Park, Morag; Dean, Michael; Blair, Donald G.; Vande Woude, George F.
CORPORATE SOURCE: NCI-Frederick Cancer Res. Facil., Natl. Cancer Inst., Frederick, MD, 21701, USA
SOURCE: Proceedings of the International Symposium of the Princess Takamatsu Cancer Research Fund (1987), Volume Date 1986, 17th(Oncog. Cancer), 221-32
CODEN: PPTCBY
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 103 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1987:329606 BIOSIS
DOCUMENT NUMBER: PREV198733040203; BR33:40203
TITLE: A NOVEL ABL PROTEIN IS EXPRESSED IN PHILADELPHIA CHROMOSOME POSITIVE ACUTE LYMPHOBLASTIC LEUKEMIA WHICH DOES NOT INVOLVE THE BREAKPOINT CLUSTER REGION.
AUTHOR(S): CHAN L C [Reprint author]; KARHI K K; RAYTER S I; GROFFEN J; GREAVES M F; WIEDEMANN L M
CORPORATE SOURCE: LEUKAEMIA RES FUND CENT, INST CANCER RES, LONDON SW3 6JB, UK
SOURCE: Journal of Cellular Biochemistry Supplement, (1987) No. 11 PART A, pp. 191.
Meeting Info.: SYMPOSIUM ON RECENT ADVANCES IN LEUKEMIA AND LYMPHOMA HELD AT THE 16TH ANNUAL MEETING OF THE UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY, LOS ANGELES, CALIFORNIA, USA, JANUARY 25-31, 1987. J CELL BIOCHEM SUPPL.
ISSN: 0733-1959.
DOCUMENT TYPE: Conference; (Meeting)
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 25 Jul 1987
Last Updated on STN: 25 Jul 1987

L15 ANSWER 104 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1987:471899 HCAPLUS
DOCUMENT NUMBER: 107:71899
TITLE: The met oncogene: a new member of the tyrosine kinase family and a marker for cystic fibrosis
AUTHOR(S): Park, M.; Gonzatti-Haces, M.; Dean, M.; Blair, D. G.; Testa, J. R.; Bennett, D. D.; Copeland, T.; Oroszlan, S.; Vande Woude, G.
CORPORATE SOURCE: BRI-Bas. Res. Program, Natl. Cancer Inst.-Frederick Cancer Res. Facil., Frederick, MD, 21701, USA
SOURCE: Cold Spring Harbor Symposia on Quantitative Biology (1986), 51(Mol. Biol. Homo sapiens, Pt. 2), 967-75
CODEN: CSHSAZ; ISSN: 0091-7451
DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

=> e gan w/au

E1	6	GAN VANTHAYA N/AU
E2	1	GAN VICTOR/AU
E3	90	--> GAN W/AU
E4	85	GAN W B/AU
E5	4	GAN W C/AU
E6	26	GAN W E/AU
E7	8	GAN W H/AU
E8	27	GAN W J/AU
E9	4	GAN W L/AU
E10	6	GAN W M/AU
E11	7	GAN W N/AU
E12	5	GAN W P/AU

=> s e3

L16 90 "GAN W"/AU

=> e difrancesco v/au

E1	1	DIFRANCESCO U/AU
E2	1	DIFRANCESCO U M/AU
E3	100	--> DIFRANCESCO V/AU
E4	17	DIFRANCESCO VALENTINA/AU
E5	1	DIFRANCESCOL/AU
E6	1	DIFRANCESO D/AU
E7	2	DIFRANCESO L/AU
E8	1	DIFRANCESO R/AU
E9	1	DIFRANCESO ROBIN/AU
E10	1	DIFRANCESSO L/AU
E11	6	DIFRANCIA C/AU
E12	4	DIFRANCIA CELENE/AU

=> s e3-e4

L17 117 ("DIFRANCESCO V"/AU OR "DIFRANCESCO VALENTINA"/AU)

=> e beasley e m/au

E1	1	BEASLEY E H/AU
E2	6	BEASLEY E L/AU
E3	324	--> BEASLEY E M/AU
E4	7	BEASLEY E O/AU
E5	1	BEASLEY E S G/AU
E6	2	BEASLEY E T/AU
E7	4	BEASLEY E W/AU
E8	2	BEASLEY E W 3RD/AU
E9	2	BEASLEY E W III/AU
E10	1	BEASLEY E W JR/AU
E11	1	BEASLEY EDWARD E/AU
E12	1	BEASLEY EDWARD EVANS/AU

=> s e3

L18 324 "BEASLEY E M"/AU

=> s l16 or l17 or l18

L19 491 L16 OR L17 OR L18

=> d his

(FILE 'HOME' ENTERED AT 15:42:43 ON 31 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 15:43:05 ON 31 MAR 2005

L1 1300861 S KINASE?
L2 484604 S HUMAN AND L1
L3 6996588 S CLON? OR EXPRESS? OR RECOMBINANT
L4 242038 S L3 AND L2
L5 114177 S PROTO(W)ONCOGENE?
L6 15246 S L4 AND L5
L7 576873 S TYROSINE
L8 8402 S L6 AND L7
L9 372 S (UTERUS OR LEKEMIA OR ADENOCARCINOMA OR HIPPOCAMPUS) AND L8
L10 21638 S HUMAN (3W) L1
L11 4 S L9 AND L10
L12 4 DUP REM L11 (0 DUPLICATES REMOVED)
L13 234 S L10 AND L5
L14 129 S L13 AND L7
L15 104 DUP REM L14 (25 DUPLICATES REMOVED)
E GAN W/AU
L16 90 S E3
E DIFRANCESCO V/AU
L17 117 S E3-E4
E BEASLEY E M/AU
L18 324 S E3
L19 491 S L16 OR L17 OR L18

=> s l15 and l19
L20 0 L15 AND L19

=> s l4 and l19
L21 71 L4 AND L19

=> dup rem l21
PROCESSING COMPLETED FOR L21
L22 70 DUP REM L21 (1 DUPLICATE REMOVED)

=> d 1-17 ibib

L22 ANSWER 1 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2005-07862 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily
useful for treating disorders associated with abnormal
expression of **kinase** protein in testis,
nervous tissue, fetal, lung, ovary tumor tissue;
production of a **recombinant** protein-
kinase and use of the encoding gene for cancer
gene therapy and for a drug screening application

AUTHOR: WEBSTER M; WEI M; YAN C; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2005026267 3 Feb 2005

APPLICATION INFO: US 2004-932135 2 Sep 2004

PRIORITY INFO: US 2004-932135 2 Sep 2004; US 2001-803671 12 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2005-141381 [15]

L22 ANSWER 2 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2005-05880 BIOTECHDS

TITLE: New isolated **human kinase** peptides and
nucleic acids, useful for diagnosing and treating disorders
mediated by the **human kinase** protein,
such as cancer, inflammation, arteriosclerosis and psoriasis;
vector-mediated gene transfer and **expression** in
host cell for **recombinant protein-kinase**
production for use in disease diagnosis and therapy

AUTHOR: GONG F; WEI M; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2005009090 13 Jan 2005
APPLICATION INFO: US 2004-921169 19 Aug 2004
PRIORITY INFO: US 2004-921169 19 Aug 2004; US 2001-813818 22 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2005-090395 [10]

L22 ANSWER 3 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-26500 BIOTECHDS
TITLE: New isolated **human kinase** proteins useful
for diagnosing, preventing or treating disorders associated
with aberrant **expression of kinase**
proteins or for pharmacogenomic analysis;
recombinant protein production and antibody for
use in disease therapy and gene therapy
AUTHOR: YAN C; GONG F; MERKULOV G; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004214278 28 Oct 2004
APPLICATION INFO: US 2003-740835 22 Dec 2003
PRIORITY INFO: US 2003-740835 22 Dec 2003; US 2001-817181 27 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-765618 [75]

L22 ANSWER 4 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-23490 BIOTECHDS
TITLE: New isolated **human kinase** peptide useful
for diagnosing and/or treating disorders with aberrant
expression of human kinases, such
as inflammation, cancer, arteriosclerosis and psoriasis;
recombinant enzyme protein production and
antibody for use in disease therapy
AUTHOR: YAN C; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004175751 9 Sep 2004
APPLICATION INFO: US 2004-820230 8 Apr 2004
PRIORITY INFO: US 2004-820230 8 Apr 2004; US 2001-813817 22 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-661386 [64]

L22 ANSWER 5 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-21367 BIOTECHDS
TITLE: New **human kinase** protein, useful for
treating a disease or condition mediated by a **human kinase** protein, e.g. tumors and carcinomas;
vector-mediated enzyme gene transfer and
expression in host cell for recombinant
protein production, drug screening and gene therapy
AUTHOR: ABU-THREIDEH J; GONG F; KETCHUM K A; DI FRANCESCO V;
BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004157297 12 Aug 2004
APPLICATION INFO: US 2004-799676 15 Mar 2004
PRIORITY INFO: US 2004-799676 15 Mar 2004; US 2001-759359 16 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-592773 [57]

L22 ANSWER 6 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-20366 BIOTECHDS

TITLE: New isolated **human kinase** peptide, useful for developing **human** therapeutic targets, identifying therapeutic proteins, or as targets for developing **human** therapeutic agents that modulate **kinase** activity in cells and tissues;
vector-mediated gene transfer and **expression** in host cell for **recombinant** protein production for use in disease diagnosis and therapy

AUTHOR: YAN C; LI Z; NEELAM B; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2004137499 15 Jul 2004

APPLICATION INFO: US 2004-760407 21 Jan 2004

PRIORITY INFO: US 2004-760407 21 Jan 2004; US 2001-984890 31 Oct 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-533359 [51]

L22 ANSWER 7 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-19855 BIOTECHDS

TITLE: New **human kinase** peptide, useful for predicting, diagnosing, preventing, or treating disorders, e.g. cancer or other abnormalities of cell or tissue growth; **recombinant** enzyme protein production via plasmid **expression** in host cell for use in disease therapy and gene therapy

AUTHOR: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2004126861 1 Jul 2004

APPLICATION INFO: US 2004-751985 7 Jan 2004

PRIORITY INFO: US 2004-751985 7 Jan 2004; US 2000-731231 7 Dec 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-524862 [50]

L22 ANSWER 8 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-16244 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily useful for treating disorders associated with abnormal **expression** of **kinase** protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; vector-mediated enzyme gene transfer and **expression** in host cell for **recombinant** protein production, drug screening and gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2004101885 27 May 2004

APPLICATION INFO: US 2003-623505 22 Jul 2003

PRIORITY INFO: US 2003-623505 22 Jul 2003; US 2001-800960 8 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-399687 [37]

L22 ANSWER 9 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-15488 BIOTECHDS

TITLE: New isolated **human kinase** proteins and nucleic acids, useful for developing **human** therapeutic targets, identifying therapeutic proteins or serve as targets for the development of **human** therapeutic agents that modulate **kinase** activity; **recombinant kinase** protein production useful for drug screening assays

AUTHOR: WEBSTER M; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004091993 13 May 2004
APPLICATION INFO: US 2003-724594 2 Dec 2003
PRIORITY INFO: US 2003-724594 2 Dec 2003; US 2001-804471 13 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-374957 [35]

L22 ANSWER 10 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-15378 BIOTECHDS
TITLE: New isolated **human kinase** proteins,
useful for diagnosing or treating disorders having an absence
of, inappropriate, or unwanted **expression** of the
protein;
recombinant enzyme protein production for use in
disease therapy and diagnosis

AUTHOR: WEI M; KETCHUM K A; BEASLEY E M; DI FRANCESCO V
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004081999 29 Apr 2004
APPLICATION INFO: US 2003-681223 9 Oct 2003
PRIORITY INFO: US 2003-681223 9 Oct 2003; US 2001-984880 31 Oct 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-347669 [32]

L22 ANSWER 11 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-13988 BIOTECHDS
TITLE: New **human kinase** peptides, useful for
preparing a composition for treating a disease or condition
mediated by **human kinases**;
vector-mediated gene transfer and **expression** in
host cell for **recombinant** protein production,
drug screening and gene therapy

AUTHOR: GAN W; YE J; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004063130 1 Apr 2004
APPLICATION INFO: US 2003-660763 12 Sep 2003
PRIORITY INFO: US 2003-660763 12 Sep 2003; US 2001-817180 27 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-282461 [26]

L22 ANSWER 12 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-14445 BIOTECHDS
TITLE: New isolated **human kinase** peptides,
useful as models for developing **human** therapeutic
targets, aid in the identification of therapeutic proteins,
or for diagnosing, preventing and treating **kinase**
-related conditions;
recombinant enzyme protein production and
antibody for use in disease therapy and gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2004043466 4 Mar 2004
APPLICATION INFO: US 2003-667442 23 Sep 2003
PRIORITY INFO: US 2003-667442 23 Sep 2003; US 2001-801876 9 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-280746 [26]

L22 ANSWER 13 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 1
ACCESSION NUMBER: 2003-23395 BIOTECHDS

TITLE: New isolated **human kinase** proteins,
useful for treating disorders mediated by **kinase**
pathway (e.g. cancers, inflammations, arteriosclerosis or
psoriasis), or for development of **human**
therapeutics and diagnostic compositions;
involving vector-mediated gene transfer and
expression in host cell for use in gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2003027307 6 Feb 2003

APPLICATION INFO: US 2002-254869 26 Sep 2002

PRIORITY INFO: US 2002-254869 26 Sep 2002; US 2001-801876 9 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-492035 [58]

L22 ANSWER 14 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-25729 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily
useful for treating disorders associated with abnormal
expression of **kinase** protein in testis,
nervous tissue, fetal, lung, ovary tumor tissue;
recombinant enzyme protein production via
plasmid **expression** in host cell for use in
disease therapy and gene therapy

AUTHOR: YAN C; GAN W

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2003076577 18 Sep 2003

APPLICATION INFO: WO 2003-US6666 5 Mar 2003

PRIORITY INFO: US 2002-361339 5 Mar 2002; US 2002-361339 5 Mar 2002

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-722329 [68]

L22 ANSWER 15 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-17732 BIOTECHDS

TITLE: New isolated **human kinase** peptides and
nucleic acids, useful for diagnosing a disease,
predisposition to a disease, or treating a disorder
associated with an absence of, inappropriate or unwanted
expression of the protein, e.g. cancer;
human recombinant protein production
useful for cancer gene therapy, diagnosis,
expression profiling, pharmacogenomics, tissue
typing and functional proteomics analysis

AUTHOR: NEELAM B; MILSHINA N; YAN C; DI FRANCESCO V; BEASLEY E M; KETCHUM K

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2003037910 8 May 2003

APPLICATION INFO: WO 2002-US34708 30 Oct 2002

PRIORITY INFO: US 2001-330756 30 Oct 2001; US 2001-330756 30 Oct 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-457387 [43]

L22 ANSWER 16 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-11420 BIOTECHDS

TITLE: New isolated **human kinase** peptides and
genes, useful for developing therapeutic or diagnostic
compositions, particularly for developing **human**
therapeutic agents that modulate **kinase** activity in
cells or tissues;
vector-mediated recombinant enzyme gene transfer

and expression in host cell for use as a diagnostic
AUTHOR: WEI M; CHATURVEDI K; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: WO 2003012034 13 Feb 2003
APPLICATION INFO: WO 2002-US23268 23 Jul 2002
PRIORITY INFO: US 2001-916204 27 Jul 2001; US 2001-916204 27 Jul 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-248162 [24]

L22 ANSWER 17 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-07668 BIOTECHDS
TITLE: New peptides related to kinase protein subfamily useful for treating disorders associated with abnormal expression of kinase protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; recombinant enzyme protein production and antibody for use in disease therapy and gene therapy
AUTHOR: YAN C; LI Z; NEELAM B; DIFRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: US 2003232408 18 Dec 2003
APPLICATION INFO: US 2002-274194 21 Oct 2002
PRIORITY INFO: US 2002-274194 21 Oct 2002; US 2001-984890 31 Oct 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-061277 [06]

=> d his

(FILE 'HOME' ENTERED AT 15:42:43 ON 31 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCPLUS, NTIS, LIFESCI' ENTERED AT 15:43:05 ON 31 MAR 2005

L1 1300861 S KINASE?
L2 484604 S HUMAN AND L1
L3 6996588 S CLON? OR EXPRESS? OR RECOMBINANT
L4 242038 S L3 AND L2
L5 114177 S PROTO(W)ONCOGENE?
L6 15246 S L4 AND L5
L7 576873 S TYROSINE
L8 8402 S L6 AND L7
L9 372 S (UTERUS OR LEKEMIA OR ADENOCARCINOMA OR HIPPOCAMPUS) AND L8
L10 21638 S HUMAN (3W) L1
L11 4 S L9 AND L10
L12 4 DUP REM L11 (0 DUPLICATES REMOVED)
L13 234 S L10 AND L5
L14 129 S L13 AND L7
L15 104 DUP REM L14 (25 DUPLICATES REMOVED)
E GAN W/AU
L16 90 S E3
E DIFRANCESCO V/AU
L17 117 S E3-E4
E BEASLEY E M/AU
L18 324 S E3
L19 491 S L16 OR L17 OR L18
L20 0 S L15 AND L19
L21 71 S L4 AND L19
L22 70 DUP REM L21 (1 DUPLICATE REMOVED)

=> d 18-70 ibib

L22 ANSWER 18 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-09042 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily useful for treating disorders associated with abnormal **expression** of **kinase** protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; **recombinant** protein production for use in disease therapy and gene therapy

AUTHOR: YE J; KETCHUM K A; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2003228674 11 Dec 2003

APPLICATION INFO: US 2003-441282 20 May 2003

PRIORITY INFO: US 2003-441282 20 May 2003; US 2000-210458 9 Jun 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-097631 [10]

L22 ANSWER 19 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-04630 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily useful for treating disorders associated with abnormal **expression** of **kinase** protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; involving vector-mediated gene transfer and **expression** in host cell for use in gene therapy

AUTHOR: ABU-THREIDEH J; GONG F; KETCHUM K A; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2003175927 18 Sep 2003

APPLICATION INFO: US 2002-207973 31 Jul 2002

PRIORITY INFO: US 2002-207973 31 Jul 2002; US 2001-759359 16 Jan 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-898544 [82]

L22 ANSWER 20 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-04147 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily useful for treating disorders associated with abnormal **expression** of **kinase** protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; vector-mediated **kinase**-related protein gene transfer and **expression** in host cell for **recombinant** protein production, drug screening and gene therapy

AUTHOR: YAN C; ABU-THREIDEH J; SHAO W; MERKULOV G; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: US 2003166219 4 Sep 2003

APPLICATION INFO: US 2002-153919 24 May 2002

PRIORITY INFO: US 2002-153919 24 May 2002; US 2000-209585 6 Jun 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-898083 [82]

L22 ANSWER 21 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-04146 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily useful for treating disorders associated with abnormal **expression** of **kinase** protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; involving vector-mediated gene transfer and

AUTHOR: expression in host cell for use in gene therapy
WEI M; GUEGLER K; KETCHUM K A; MERKULOV G; WOODAGE T; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: US 2003166218 4 Sep 2003

APPLICATION INFO: US 2002-153917 24 May 2002

PRIORITY INFO: US 2002-153917 24 May 2002; US 2000-209585 6 Jun 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-898082 [82]

L22 ANSWER 22 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2004-04145 BIOTECHDS

TITLE: New peptides related to kinase protein subfamily useful for treating disorders associated with abnormal expression of kinase protein in testis, nervous tissue, fetal, lung, ovary tumor tissue; involving vector-mediated gene transfer and expression in host cell for use in gene therapy, drug screening and pharmacogenetics

AUTHOR: YAN C; KETCHUM K A; DIFRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: US 2003166215 4 Sep 2003

APPLICATION INFO: US 2002-135696 1 May 2002

PRIORITY INFO: US 2002-135696 1 May 2002; US 2001-813817 22 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-898081 [82]

L22 ANSWER 23 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-27346 BIOTECHDS

TITLE: Novel isolated human kinase protein useful for drug screening assays, as a target for diagnosing disease, pharmacogenomic analysis, and for identifying compounds that modulate kinase activity; recombinant protein production via plasmid expression in host cell for use in disease therapy

AUTHOR: WEI M; KETCHUM K A; BEASLEY E M; DIFRANCESCO V

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2003087294 8 May 2003

APPLICATION INFO: US 2002-277032 22 Oct 2002

PRIORITY INFO: US 2002-277032 22 Oct 2002; US 2001-984880 31 Oct 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-765435 [72]

L22 ANSWER 24 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-20468 BIOTECHDS

TITLE: New isolated human kinase peptide, useful for diagnosing or treating a disease characterized by an absence of, inappropriate or unwanted expression of the kinase protein, and in drug screening assays; recombinant enzyme protein production via plasmid expression in host cell for use in disease gene therapy

AUTHOR: WEBSTER M; WEI M; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2003054529 20 Mar 2003

APPLICATION INFO: US 2002-274409 21 Oct 2002

PRIORITY INFO: US 2002-274409 21 Oct 2002; US 2001-803671 12 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English
OTHER SOURCE: WPI: 2003-540618 [51]

L22 ANSWER 25 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-17259 BIOTECHDS

TITLE: New **human kinase** peptides useful as
models or targets for the development of therapeutic agents
that modulate **kinase** activity, for eliciting immune
response, and in identifying compounds that modulate
kinase activity or **expression**;
vector-mediated gene transfer and **expression** in
host cell for **recombinant** protein production,
drug screening and gene therapy

AUTHOR: WEBSTER M; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLEERA CORP

PATENT INFO: US 2003022340 30 Jan 2003

APPLICATION INFO: US 2002-238709 11 Sep 2002

PRIORITY INFO: US 2002-238709 11 Sep 2002; US 2001-804471 13 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-438978 [41]

L22 ANSWER 26 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-17263 BIOTECHDS

TITLE: New **kinase** peptides and nucleic acids encoding the
peptides, useful in developing therapeutic targets, in
identifying therapeutic proteins, in eliciting immune
response, in pharmacogenomics, and in gene therapy;
involving vector-mediated gene transfer and
expression in host cell for use in gene therapy
and pharmacogenetics

AUTHOR: GONG F; WEI M; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLEERA CORP

PATENT INFO: US 2003003560 2 Jan 2003

APPLICATION INFO: US 2002-199333 22 Jul 2002

PRIORITY INFO: US 2002-199333 22 Jul 2002; US 2001-813818 22 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-447353 [42]

L22 ANSWER 27 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-28783 BIOTECHDS

TITLE: New isolated nucleic acid molecule encoding a mitogen
activated protein **kinase/extracellular-signal**
regulated **kinase kinase kinase**,
for use as probes, primers, chemical intermediates and in
biological assays;
vector-mediated gene transfer and **expression** in
host cell for **recombinant** protein production,
drug screening and gene therapy

AUTHOR: WEBSTER M; WEI M; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLEERA CORP

PATENT INFO: US 6582946 24 Jun 2003

APPLICATION INFO: US 2001-803671 12 Mar 2001

PRIORITY INFO: US 2001-803671 12 Mar 2001; US 2001-803671 12 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-799834 [75]

L22 ANSWER 28 OF 70 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:851250 HCAPLUS

DOCUMENT NUMBER: 139:346785

TITLE: Cloning, sequence and characterization of a

INVENTOR(S) : **human citron kinase homolog gene**
 Wei, Ming-Hui; Chaturvedi, Kabir; DiFrancesco,
 Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S) : Applera Corporation, USA
 SOURCE: U.S., 78 pp., Cont.-in-part of U.S. Ser. No. 804,471.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6638745	B1	20031028	US 2001-916204	20010727
US 2002132322	A1	20020919	US 2001-804471	20010313
US 6479269	B2	20021112		
WO 2003012034	A2	20030213	WO 2002-US23268	20020723
WO 2003012034	A3	20031016		
WO 2003012034	C2	20040304		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1419242	A2	20040519	EP 2002-791541	20020723
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2003049795	A1	20030313	US 2002-282048	20021029
US 6692948	B2	20040217		
PRIORITY APPLN. INFO.: US 2001-804471 A2 20010313 US 2001-916204 A 20010727 WO 2002-US23268 W 20020723				

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 29 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-08155 BIOTECHDS

TITLE: New **human kinase** peptide and nucleic acid
encoding the peptide, useful as models for developing
human therapeutic targets, in identifying therapeutic
proteins, and in pharmacogenomic analysis;
vector-mediated gene transfer and **expression** in
host cell for **recombinant** protein production,
drug screening and gene therapy

AUTHOR: WEBSTER M; WEI M; YAN C; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: WO 2002090525 14 Nov 2002

APPLICATION INFO: WO 2002-US7155 8 Mar 2002

PRIORITY INFO: US 2001-849334 7 May 2001; US 2001-849334 7 May 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-103515 [09]

L22 ANSWER 30 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-07390 BIOTECHDS

TITLE: Novel **human kinase** protein
expressed in lung carcinoma and placenta is useful to
diagnose and treat diseases and disorders associated with

expression or activity of the protein;
 recombinant protein production and its encoding
 gene useful for gene therapy and diagnosis
AUTHOR: WEBSTER M; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002081727 17 Oct 2002
APPLICATION INFO: WO 2002-US10156 2 Apr 2002
PRIORITY INFO: US 2001-873404 5 Jun 2001; US 2001-824583 3 Apr 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-058562 [05]

L22 ANSWER 31 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-06722 BIOTECHDS
TITLE: New peptides related to P2X-like purigenic receptor
 subfamily, useful for treating disorders associated with
 abnormal **expression** of protease in anaplastic
 oligodendrogloma, leukemia, carcinoid lung, or large cell
 lung carcinoma;
 recombinant protein production, transgenic
 animal and drug screening useful for gene therapy,
 functional genomics and pharmacogenomics analysis
AUTHOR: WEI M; GONG F; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002079229 10 Oct 2002
APPLICATION INFO: WO 2002-US9545 28 Mar 2002
PRIORITY INFO: US 2001-820095 29 Mar 2001; US 2001-820095 29 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-040648 [03]

L22 ANSWER 32 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-07439 BIOTECHDS
TITLE: New **human kinase** protein, useful for
 treating or diagnosing disorders associated with an absence
 of, inappropriate, or unwanted **expression** of the
 protein, e.g. inflammation or cancer, in drug screening
 assays and pharmacogenomics;
 recombinant protein production and antibody for
 use in disease gene therapy
AUTHOR: MERKULOV G V; GONG F; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002077192 3 Oct 2002
APPLICATION INFO: WO 2002-US9326 27 Mar 2002
PRIORITY INFO: US 2001-817181 27 Mar 2001; US 2001-817181 27 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-092851 [08]

L22 ANSWER 33 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-06598 BIOTECHDS
TITLE: New **human kinase** protein, useful for
 treating or diagnosing disorders associated with an absence
 of, inappropriate, or unwanted **expression** of the
 protein, e.g. inflammation or cancer, in drug screening
 assays and pharmacogenomics;
 recombinant enzyme protein production via
 plasmid **expression** in host cell use in disease
 gene therapy
AUTHOR: GAN W; YE J; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002077191 3 Oct 2002
APPLICATION INFO: WO 2002-US9325 27 Mar 2002

PRIORITY INFO: US 2001-3295 6 Dec 2001; US 2001-817180 27 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-029927 [02]

L22 ANSWER 34 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-04663 BIOTECHDS
TITLE: New isolated **human kinase** peptides and nucleic acids, useful for diagnosing a disease, predisposition to a disease, or treating a disorder characterized by an absence of, inappropriate or unwanted **expression** of the protein;
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002072810 19 Sep 2002
APPLICATION INFO: WO 2002-US6687 5 Mar 2002
PRIORITY INFO: US 2001-801191 8 Mar 2001; US 2001-801191 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-723347 [78]

L22 ANSWER 35 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-05392 BIOTECHDS
TITLE: New isolated Ras-like protein polypeptides, useful for treating AIDS, neurodegenerative diseases, ischemic injuries, toxin-induced diseases, viral infections, cancer and osteoporosis;
vector-mediated gene transfer and **expression** in host cell for **recombinant** protein production, drug screening and gene therapy

AUTHOR: GAN W; YE J; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002072765 19 Sep 2002
APPLICATION INFO: WO 2002-US7159 8 Mar 2002
PRIORITY INFO: US 2001-805455 14 Mar 2001; US 2001-805455 14 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-750490 [81]

L22 ANSWER 36 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-03168 BIOTECHDS
TITLE: New **human** EGF-module-containing mucin-like hormone receptor 1 (EMR1) peptides and nucleic acid molecules useful for treating disorders associated with abnormal **expression** of EMR1 in kidney tumors, brain glioblastomas, leukocytes;
human recombinant protein production,
DNA chip and transgenic animal useful for disease gene therapy, tissue typing and pharmacogenomics

AUTHOR: GONG F; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002066644 29 Aug 2002
APPLICATION INFO: WO 2002-US2627 31 Jan 2002
PRIORITY INFO: US 2001-784317 16 Feb 2001; US 2001-784317 16 Feb 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-674943 [72]

L22 ANSWER 37 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-01913 BIOTECHDS

TITLE: New **human kinase** peptide and nucleic acid molecule, useful for treating disorders associated with abnormal **expression of kinase** protein, e.g. retinoblastoma, Wilm's tumor, in drug screening assays and pharmacogenomic analysis;
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in drug screening, pharmacogenetics and gene therapy

AUTHOR: RUSCH D; KETCHUM K A; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: WO 2002061062 8 Aug 2002

APPLICATION INFO: WO 2002-US2152 29 Jan 2002

PRIORITY INFO: US 2001-849334 7 Mar 2001; US 2001-773371 1 Feb 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-608516 [65]

L22 ANSWER 38 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-01912 BIOTECHDS

TITLE: New **human kinase** peptide and nucleic acid molecule, useful for treating disorders associated with abnormal **expression of kinase** protein, e.g. adenocarcinoma of uterus or lung, in drug screening assays and pharmacogenomic analysis;
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in drug screening, pharmacogenetics and gene therapy

AUTHOR: YAN C; KETCHUM K; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: WO 2002061060 8 Aug 2002

APPLICATION INFO: WO 2002-US1106 17 Jan 2002

PRIORITY INFO: US 2001-801861 9 Mar 2001; US 2001-265151 31 Jan 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-608515 [65]

L22 ANSWER 39 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-01882 BIOTECHDS

TITLE: New peptides related to serine/threonine protein **kinase** subfamily, useful for treating disorders associated with abnormal **expression of kinase** in prostate, lungs and brain, in drug screening assays and pharmacogenomic analysis;
recombinant protein production and sense and antisense sequence use in gene therapy

AUTHOR: BEASLEY E M; YE J; YAN C; KETCHUM K A; DI FRANCESCO V

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: WO 2002059288 1 Aug 2002

APPLICATION INFO: WO 2002-US930 15 Jan 2002

PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-599781 [64]

L22 ANSWER 40 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-01870 BIOTECHDS

TITLE: New peptides encoded by genes within the **human** genome useful for treating disorders associated with abnormal **expression of kinase**, e.g. inflammation, cancer, arteriosclerosis, in drug screening assays and pharmacogenomic analysis;
vector-mediated **recombinant** protein gene

transfer and **expression** in host cell for use in
drug screening, gene therapy and pharmacogenetics
AUTHOR: GUEGLER K; WEBSTER M; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP
PATENT INFO: WO 2002057432 25 Jul 2002
APPLICATION INFO: WO 2002-US112 2 Jan 2002
PRIORITY INFO: US 2001-751389 2 Jan 2001; US 2001-751389 2 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-599718 [64]

L22 ANSWER 41 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-01130 BIOTECHDS

TITLE: Human kinase protein, related to
homeodomain-interacting protein kinase subfamily,
useful as a model for developing human therapeutic
targets and serves as a target for human
therapeutics;
vector-mediated recombinant protein gene
transfer and expression in host cell for disease
diagnosis, gene therapy and pharmacogenomics

AUTHOR: CHANDRAMOULISWARAN I; GUEGLER K; WEBSTER M; YAN C; DI
FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002053717 11 Jul 2002
APPLICATION INFO: WO 2001-US48534 19 Dec 2001
PRIORITY INFO: US 2000-749588 28 Dec 2000; US 2000-749588, 28 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-583610 [62]

L22 ANSWER 42 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-00789 BIOTECHDS

TITLE: New isolated human kinase proteins and
genes, useful in developing drugs, as well as for diagnosing,
preventing or treating disorders associated with defective
cell signal transduction, e.g. cancer or hematopoietic
disorders;
vector-mediated gene transfer and expression in
host cell for recombinant protein production,
drug screening and gene therapy

AUTHOR: BEASLEY E M; SHAO W; KETCHUM K; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002052018 4 Jul 2002
APPLICATION INFO: WO 2001-US48546 19 Dec 2001
PRIORITY INFO: US 2000-741154 21 Dec 2000; US 2000-741154 21 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-583568 [62]

L22 ANSWER 43 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-00774 BIOTECHDS

TITLE: Novel isolated human kinase peptide
useful for treating disorder characterized by absence of,
inappropriate or unwanted expression of the
receptor protein, and as immunogens to raise antibodies;
vector-mediated recombinant protein gene
transfer and expression in host cell for use as
a DNA primer and DNA probe and in drug screening and gene
therapy

AUTHOR: YE J; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002048328 20 Jun 2002

APPLICATION INFO: WO 2001-US30539 28 Sep 2001
PRIORITY INFO: US 2001-962276 26 Sep 2001; US 2000-799345 14 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-583502 [62]

L22 ANSWER 44 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-18305 BIOTECHDS
TITLE: New kinase proteins related to myosin light chain kinase subfamily and encoding polynucleotide, useful for diagnosing, treating disease or condition mediated by the kinase protein and for identifying modulators; vector-mediated recombinant protein gene transfer and expression in host cell, DNA chip and DNA microarray for use in drug screening, disease diagnosis, therapy, gene therapy and pharmacogenomics

AUTHOR: WEI M; KETCHUM K; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002040683 23 May 2002
APPLICATION INFO: WO 2000-US32616 14 Nov 2000
PRIORITY INFO: US 2001-858664 17 May 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-500223 [53]

L22 ANSWER 45 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-14126 BIOTECHDS
TITLE: Novel peptide designated as human kinase useful as target for diagnosing a disease or predisposition to the disease mediated by the peptide; vector-mediated gene transfer, expression in host cell and antibody for recombinant protein production, drug screening and gene therapy

AUTHOR: BEASLEY E M; WEI M; BONAZZI V R; SANDERS R; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002024920 28 Mar 2002
APPLICATION INFO: WO 2000-US29161 19 Sep 2000
PRIORITY INFO: US 2000-729995 6 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-404955 [43]

L22 ANSWER 46 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-13568 BIOTECHDS
TITLE: Novel human kinase protein, related to protein kinase C subfamily, useful as model for developing human therapeutic targets and serves as target for human therapeutics; recombinant enzyme gene production, antibody, transgenic animal and ribozyme for use in disease therapy and gene therapy

AUTHOR: LI J; GUEGLER K; BEASLEY E M; KETCHUM K A; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002022795 21 Mar 2002
APPLICATION INFO: WO 2000-US28652 14 Sep 2000
PRIORITY INFO: US 2000-735934 14 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-393960 [42]

L22 ANSWER 47 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-12722 BIOTECHDS
TITLE: A **human kinase** protein that is related to the serine/threonine **kinase** subfamily, useful as models for development of **human** therapeutic targets and serves as targets for developing **human** therapeutic agents;
antibody, DNA chip, transgenic animal generation, fusion protein, drug screening, DNA probe, DNA primer and ribozyme, useful for gene therapy, diagnosis, pharmacogenomics analysis, clinical trial and expression profiling
AUTHOR: WEBSTER M; LI Z; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: WO 2002018553 7 Mar 2002
APPLICATION INFO: WO 2000-US26260 31 Aug 2000
PRIORITY INFO: US 2001-797908 5 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-304251 [34]

L22 ANSWER 48 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-12182 BIOTECHDS
TITLE: New **human kinase** proteins and nucleic acids, useful in drug screening assays, identifying modulators of **kinase** activity or treating disorders characterized by absence or unwanted expression of the protein;
transgenic animal generation, DNA chip, DNA probe, DNA primer and drug screening, useful for gene therapy and pharmacogenomics
AUTHOR: YAN C; YE J; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: APPLERA CORP
PATENT INFO: WO 2002016567 28 Feb 2002
APPLICATION INFO: WO 2000-US26389 24 Aug 2000
PRIORITY INFO: US 2001-810671 19 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-269354 [31]

L22 ANSWER 49 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-10036 BIOTECHDS
TITLE: New isolated **human kinase** proteins, useful for developing therapeutic or diagnostic compositions, particularly for developing modulators of MAP/microtubule affinity-regulating **kinase** activity in cells or tissues;
vector-mediated recombinant protein gene transfer and expression in host cell for use in diagnosis and therapy
AUTHOR: YAN X; KETCHUM K; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: YAN X; KETCHUM K; DI FRANCESCO V; BEASLEY E M
PATENT INFO: US 2002151020 17 Oct 2002
APPLICATION INFO: US 2001-835081 16 Apr 2001
PRIORITY INFO: US 2001-835081 16 Apr 2001; US 2001-835081 16 Apr 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-198290 [19]

L22 ANSWER 50 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-11033 BIOTECHDS
TITLE: New **human kinase** peptide, useful for preparing a composition for treating a disease or condition

mediated by a **human** enzyme protein e.g. cancer;
vector **expression** in host cell and disease
therapy and gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 2002132325 19 Sep 2002
APPLICATION INFO: US 2002-96960 14 Mar 2002
PRIORITY INFO: US 2002-96960 14 Mar 2002; US 2001-800960 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-247084 [24]

L22 ANSWER 51 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-25080 BIOTECHDS

TITLE: New isolated **human kinase** proteins,
useful as models for developing **human** therapeutic
targets, or for treating a disorder associated with an
absence of, inappropriate or unwanted **expression** of
the protein, e.g. cancer;
recombinant enzyme protein production via
plasmid **expression** in host cell for use in
disease therapy and gene therapy

AUTHOR: WEBSTER M; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: WEBSTER M; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT INFO: US 2002132322 19 Sep 2002
APPLICATION INFO: US 2001-804471 13 Mar 2001
PRIORITY INFO: US 2001-804471 13 Mar 2001; US 2001-804471 13 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-687480 [65]

L22 ANSWER 52 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-06031 BIOTECHDS

TITLE: Novel isolated **human kinase** peptide
useful for treating disorder characterized by absence of, in
appropriate or unwanted **expression** of the
kinase protein, and as immunogens to raise antibodies

; vector-mediated recombinant protein gene
transfer and **expression** in host cell for use in
drug screening, gene therapy and pharmacogenetics

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT INFO: US 2002127683 12 Sep 2002
APPLICATION INFO: US 2001-801876 9 Mar 2001
PRIORITY INFO: US 2001-801876 9 Mar 2001; US 2001-801876 9 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-028938 [02]

L22 ANSWER 53 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-03137 BIOTECHDS

TITLE: New SR protein-specific **kinase** 2 peptides and
nucleic acid sequences, useful as models for developing
human therapeutic targets, in identifying therapeutic
proteins, and in identifying agents that modulate
kinase activity;

recombinant enzyme protein production and sense
and antisense use in gene therapy

AUTHOR: ABU-THREIDEH J; GONG F; KETCHUM K A; DI FRANCESCO V;
BEASLEY E M
PATENT ASSIGNEE: ABU-THREIDEH J; GONG F; KETCHUM K A; DI FRANCESCO V; BEASLEY
E M

PATENT INFO: US 2002094560 18 Jul 2002
APPLICATION INFO: US 2001-759359 16 Jan 2001
PRIORITY INFO: US 2001-759359 16 Jan 2001; US 2001-759359 16 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-681805 [73]

L22 ANSWER 54 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-00725 BIOTECHDS
TITLE: New isolated **human kinase** peptide for
detecting a modulator of the peptide's **expression**,
activity or function, that can be used to treat disorders or
disease;

vector-mediated **recombinant** protein gene
transfer and **expression** in host cell for use in
gene therapy and pharmacogenetics

AUTHOR: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT INFO: US 2002082189 27 Jun 2002
APPLICATION INFO: US 2000-731231 7 Dec 2000
PRIORITY INFO: US 2000-731231 7 Dec 2000; US 2000-731231 7 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-598989 [64]

L22 ANSWER 55 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-14117 BIOTECHDS
TITLE: Isolated **human kinase** proteins and
encoding nucleic acid molecules, useful for preventing,
diagnosing and treating **kinase**-related disorders;
vector **expression** in host cell, gene chip,
transgenic animal, antisense and DNA probe for disease
diagnosis, gene therapy and vaccine

AUTHOR: YE J; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 2002025570 28 Feb 2002
APPLICATION INFO: US 2000-962276 9 Jun 2000
PRIORITY INFO: US 2001-962276 26 Sep 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-280095 [32]

L22 ANSWER 56 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-00711 BIOTECHDS
TITLE: Isolated **human SNF-kinase**
polynucleotides, useful for preventing, diagnosing and
treating e.g. cancer, inflammation, immune disorders and
disorders affecting growth and development;
recombinant enzyme protein production and sense
and antisense sequence use in disease therapy and gene
therapy

AUTHOR: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6410294 25 Jun 2002
APPLICATION INFO: US 2000-734673 13 Dec 2000
PRIORITY INFO: US 2000-734673 13 Dec 2000; US 2000-734673 13 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-588889 [63]

L22 ANSWER 57 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-19955 BIOTECHDS
TITLE: An isolated LIM domain **kinase** polypeptide useful as

a model for developing **human** therapeutic targets,
to aid in identification of therapeutics and to serve as
targets for developing **kinase** activity modulators
in cells;

recombinant enzyme protein production for use in
disease therapy and diagnosis

AUTHOR: YAN C; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6403353 11 Jun 2002
APPLICATION INFO: US 2001-978197 22 Mar 2001
PRIORITY INFO: US 2001-978197 17 Oct 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-536038 [57]

L22 ANSWER 58 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-17807 BIOTECHDS

TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent
protein **kinases**, useful for preventing diagnosing
and treating e.g. cancers, psoriasis and inflammation;
 recombinant protein production by
 vector-mediated gene transfer and **expression** in
 host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6387677 14 May 2002
APPLICATION INFO: US 2001-800960 8 Mar 2001
PRIORITY INFO: US 2001-800960 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-478444 [51]

L22 ANSWER 59 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-15979 BIOTECHDS

TITLE: Nucleic acids encoding **human** phospholipase-D (PLD)
proteins, useful for preventing, diagnosing and treating
PLD-mediated disorders;
 recombinant enzyme protein and sense and
 antisense gene use in disease therapy and gene therapy

AUTHOR: BEASLEY E M; YAN C; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6368842 9 Apr 2002
APPLICATION INFO: US 2000-801052 15 Dec 2000
PRIORITY INFO: US 2001-801052 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-370698 [40]

L22 ANSWER 60 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-07016 BIOTECHDS

TITLE: Nucleic acids encoding a proto-oncogene tyrosine
kinase, useful for the prevention, diagnosis and
treatment of e.g. leukemia and lung tumors;
 tyrosine-**kinase** gene transfer by vector
 expression in host cell for cancer gene therapy

AUTHOR: GAN W; YE J; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6340584 22 Jan 2002
APPLICATION INFO: US 2001-817180 27 Mar 2001
PRIORITY INFO: US 2001-817180 27 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-138497 [18]

L22 ANSWER 61 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-11649 BIOTECHDS

TITLE: New nucleic acid encoding a **human kinase**
protein useful for, e.g., monitoring the effectiveness of
modulating compounds on the **expression** or activity
of the **kinase** gene;
recombinant protein production, antisense DNA,
ribozyme and modulator drug screening, useful for gene
therapy, diagnosis and **expression** profiling
AUTHOR: YAN C; KETCHUM K A; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6340583 22 Jan 2002
APPLICATION INFO: US 2001-813817 22 Mar 2001
PRIORITY INFO: US 2001-813817 22 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-224925 [28]

L22 ANSWER 62 OF 70 HCPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:941845 HCPLUS
DOCUMENT NUMBER: 138:21334
TITLE: Protein, gene and cDNA sequences of a novel
human protein kinase related to
serine/threonine **kinase** and their uses in
drug screening
INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena;
Difrancesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): PE Corporation (Ny), USA
SOURCE: U.S., 107 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
US 6706511	B2	20040316		
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1451310	A2	20040901	EP 2002-793863	20021031
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
US 2004137499	A1	20040715	US 2004-760407	20040121
PRIORITY APPLN. INFO.:			US 2001-984890	A3 20011031
			US 2002-274194	A3 20021021
			WO 2002-US34869	W 20021031
REFERENCE COUNT:	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L22 ANSWER 63 OF 70 HCPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:921847 HCPLUS
 DOCUMENT NUMBER: 138:21347
 TITLE: Identification, cloning, characterization
 and cDNA and genomic sequences of a **human**
thymidylate kinase subfamily member
 INVENTOR(S): Wei, Ming-Hui; Ketchum, Karen A.; Beasley, Ellen M.;
 Difrancesco, Valentina
 PATENT ASSIGNEE(S): PE Corporation (NY), USA
 SOURCE: U.S., 49 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6489153	B1	20021203	US 2001-984880	20011031
US 2003087294	A1	20030508	US 2002-277032	20021022
US 6664087	B2	20031216		
WO 2003048303	A2	20030612	WO 2002-US34872	20021031
WO 2003048303	A3	20040122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1451312	A2	20040901	EP 2002-804411	20021031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004081999	A1	20040429	US 2003-681223	20031009
PRIORITY APPLN. INFO.: US 2001-984880 A3 20011031 US 2002-277032 A3 20021022 WO 2002-US34872 W 20021031				

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 64 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 2002-06172 BIOTECHDS
 TITLE: New isolated **human kinase** proteins and
 nucleic acids, useful as a major target for drug action and
 development, particularly for screening modulators of the
kinase peptides;
 recombinant protein gene production via plasmid
 expression in host cell useful in gene therapy and
 drug screening
 AUTHOR: GUEGLER K; DI FRANCESCO V; BEASLEY E M
 PATENT ASSIGNEE: APPLEA CORP
 PATENT INFO: WO 2001092496 6 Dec 2001
 APPLICATION INFO: WO 2000-US17510 1 Jun 2000
 PRIORITY INFO: US 2000-738894 18 Dec 2000
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 2002-130533 [17]

L22 ANSWER 65 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 2002-07499 BIOTECHDS

TITLE: New calmodulin-binding **kinase** peptides and nucleic acid encoding the peptides, useful as models for developing **human** therapeutic targets or in screening for compounds that modulate **kinase**;
 human recombinant enzyme production useful for drug target, drug screening, and ribozyme and antisense gene therapy

AUTHOR: YAN C; WEI M; KETCHUM K; MERKULOV G; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2001092492 6 Dec 2001

APPLICATION INFO: WO 2000-US17327 30 May 2000

PRIORITY INFO: US 2000-734030 12 Dec 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-097770 [13]

L22 ANSWER 66 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-06121 BIOTECHDS

TITLE: **Human kinase** proteins and nucleic acids encoding the proteins, useful for developing **human** therapeutic targets, or for treating a disorder characterized by an absence, inappropriate, or unwanted **expression** of the protein;
 vector-mediated gene transfer, **expression** in host cell, antisense oligonucleotide, antibody and transgenic animal for **recombinant** protein production, drug screening and disease therapy or genetherapy

AUTHOR: WEI M; ZHU S; WOODAGE T; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2001090328 29 Nov 2001

APPLICATION INFO: WO 2000-US16760 24 May 2000

PRIORITY INFO: US 2000-691861 18 Oct 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-075372 [10]

L22 ANSWER 67 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-07405 BIOTECHDS

TITLE: **Human kinase** protein and polynucleotides encoding them, useful for identifying modulators of **kinase** polypeptides and for treating, preventing, and/or diagnosing neurodegenerative diseases and cancer;
 vector-mediated **recombinant** protein gene transfer and **expression** in host cell, DNA probe, antibody, DNA chip and transgenic animal for disease prevention, diagnosis and gene therapy

AUTHOR: WEI M; CHANDRAMOULISWARA I; YE J; KETCHUM K A; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2001088148 22 Nov 2001

APPLICATION INFO: WO 2000-US15776 17 May 2000

PRIORITY INFO: US 2001-816094 26 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-089857 [12]

L22 ANSWER 68 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-08365 BIOTECHDS

TITLE: **Human extracellular signal-regulated kinase** polypeptides and nucleic acids, useful for the prevention, diagnosis and treatment of e.g. inflammation, cancer, arteriosclerosis, and psoriasis;

vector-mediated gene transfer, **expression** in host cell, antisense oligonucleotide and transgenic animal for **recombinant** protein production, drug screening, vaccine and gene therapy

AUTHOR: YAN C; ABU-THREIDEH J; SHAO W; MERKULOV G V; DI FRANCESCO V;
BEASLEY E M

PATENT ASSIGNEE: YAN C; ABU-THREIDEH J; SHAO W; MERKULOV G V; DI FRANCESCO V;
BEASLEY E M

PATENT INFO: US 2001053844 20 Dec 2001

APPLICATION INFO: US 2000-739455 6 Jun 2000

PRIORITY INFO: US 2000-739455 19 Dec 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-097128 [13]

L22 ANSWER 69 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-06077 BIOTECHDS

TITLE: New isolated **human kinase**, useful for identification of specific therapeutic modulators, also related nucleic acid and antibodies;
vector-mediated protein-**kinase** gene transfer, **expression** in host cell, antibody, DNA chip, transgenic animal for **recombinant** protein production, drug screening, genotyping, pharmacogenomics and disease diagnosis, therapy and gene therapy

AUTHOR: WEI M; GUEGLER K; KETCHUM K A; MERKULOV G V; WOODAGE T; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: WEI M; GUEGLER K; KETCHUM K A; MERKULOV G V; WOODAGE T; DI FRANCESCO V; BEASLEY E M

PATENT INFO: US 2001051360 13 Dec 2001

APPLICATION INFO: US 2000-732025 6 Jun 2000

PRIORITY INFO: US 2000-732025 8 Dec 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-121418 [16]

L22 ANSWER 70 OF 70 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-08356 BIOTECHDS

TITLE: New isolated **human kinase** proteins useful for the prevention, diagnosis and treatment of **kinase**-related disorders;
vector-mediated gene transfer and **expression** in host cell for **recombinant** protein production and gene therapy

AUTHOR: YE J; KETCHUM K A; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: US 6323016 27 Nov 2001

APPLICATION INFO: US 2000-799345 9 Jun 2000

PRIORITY INFO: US 2001-799345 6 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-096591 [13]

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(FILE 'HOME' ENTERED AT 15:42:43 ON 31 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 15:43:05 ON 31 MAR 2005

L1 1300861 S KINASE?
L2 484604 S HUMAN AND L1
L3 6996588 S CLON? OR EXPRESS? OR RECOMBINANT

L4 242038 S L3 AND L2
L5 114177 S PROTO(W)ONCOGENE?
L6 15246 S L4 AND L5
L7 576873 S TYROSINE
L8 8402 S L6 AND L7
L9 372 S (UTERUS OR LEKEMIA OR ADENOCARCINOMA OR HIPPOCAMPUS) AND L8
L10 21638 S HUMAN (3W) L1
L11 4 S L9 AND L10
L12 4 DUP REM L11 (0 DUPLICATES REMOVED)
L13 234 S L10 AND L5
L14 129 S L13 AND L7
L15 104 DUP REM L14 (25 DUPLICATES REMOVED)
E GAN W/AU
L16 90 S E3
E DIFRANCESCO V/AU
L17 117 S E3-E4
E BEASLEY E M/AU
L18 324 S E3
L19 491 S L16 OR L17 OR L18
L20 0 S L15 AND L19
L21 71 S L4 AND L19
L22 70 DUP REM L21 (1 DUPLICATE REMOVED)

	L #	Hits	Search Text
1	L1	1	"6340584".pn.
2	L2	58173	kinase\$2
3	L3	47484 1	human
4	L4	18841	l2 same 13
5	L5	72039 5	clon\$3 or express\$3 or recombinant
6	L6	10949	l4 same 15
7	L7	54170	tyrosine
8	L8	2865	l6 same 17
9	L9	5514	proto adj oncogene\$2
10	L10	207	l8 same 19
11	L11	0	human adj4 11
12	L12	3206	human adj4 12
13	L13	33	l10 same 112
14	L14	15224	GAN DIFRANCESCO beasley
15	L15	0	l11 and 114
16	L17	4	l10 and 114
17	L16	202	l12 and 114

	Issue Date	Pages	Document ID	Title
1	20050217	95	US 20050037430 A1	Methods and uses for protein breakdown products
2	20040923	135	US 20040185485 A1	Gene markers useful for detecting skin damage in response to ultraviolet radiation
3	20040401	53	US 20040063130 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
4	20040226	259	US 20040038207 A1	Gene expression in bladder tumors
5	20040205	71	US 20040023231 A1	System for identifying and analyzing expression of are-containing genes
6	20040115	73	US 20040010136 A1	Composition for the detection of signaling pathway gene expression
7	20040115	60	US 20040009477 A1	Methods for producing libraries of expressible gene sequences
8	20040108	64	US 20040005559 A1	Markers of neuronal differentiation and morphogenesis
9	20031016	37	US 20030194721 A1	Genes expressed in treated foam cells
10	20031009	42	US 20030190640 A1	Genes expressed in prostate cancer
11	20030904	50	US 20030165485 A1	Functional role and potential therapeutic use of Reelin, Gass6 and Protein S in relation to adult neural stem or progenitor cells
12	20030717	102	US 20030134302 A1	Libraries of expressible gene sequences
13	20030717	28	US 20030134283 A1	Genes regulated in dendritic cell differentiation

	Issue Date	Pages	Document ID	Title
14	20030605	54	US 20030104393 A1	Blood assessment of injury
15	20030417	179	US 20030073888 A1	Screening methods used to identify compounds that modulate a response of a cell to ultraviolet radiation exposure
16	20030417	102	US 20030073163 A1	Libraries of expressible gene sequences
17	20030306	202	US 20030044783 A1	Human genes and gene expression products
18	20021114	53	US 20020168741 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
19	20021024	41	US 20020155527 A1	C-erbB-2 exrernal domain: gp75
20	20020815	63	US 20020110808 A1	Toxicant-induced differential gene expression
21	20020711	128	US 20020090624 A1	Gene markers useful for detecting skin damage in response to ultraviolet radiation
22	20020620	188	US 20020076715 A1	Compositions and methods for ovarian cancer therapy and diagnosis
23	20050201	37	US 6849420 B2	Method for determining modulation of p110.delta. activity
24	20041026	48	US 6808887 B2	Uses of Ku70
25	20040921	109	US 6794137 B2	Gene markers useful for detecting skin damage in response to ultraviolet radiation

26	20040203	50	US 6686187 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
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	Issue Date	Pages	Document ID	Title
27	20030819	50	US 6607879 B1	Compositions for the detection of blood cell and immunological response gene expression
28	20021231	65	US 6500938 B1	Composition for the detection of signaling pathway gene expression
29	20021119	35	US 6482623 B1	Lipid kinase
30	20021022	152	US 6468758 B1	Compositions and methods for ovarian cancer therapy and diagnosis
31	20020122	50	US 6340584 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
32	20020101	227	US 6335170 B1	Gene expression in bladder tumors
33	20011218	87	US 6331396 B1	Arrays for identifying agents which mimic or inhibit the activity of interferons

	Issue Date	Pages	Document ID	Title
1	20040401	53	US 20040063130 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
2	20021114	53	US 20020168741 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
3	20040203	50	US 6686187 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
4	20020122	50	US 6340584 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
1	20050217	83	US 20050038031 A1	Novel bicyclic urea derivatives useful in the treatment of cancer and other disorders
2	20050217	141	US 20050037387 A1	Modulation of the RNA interference pathway
3	20050210	28	US 20050032798 A1	2-Oxo-1,3,5-perhydrotriazapine derivatives useful in the treatment of hyperproliferative, angiogenesis, and inflammatory disorders
4	20050203	90	US 20050026267 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
5	20050127	44	US 20050019821 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
6	20050120	171	US 20050014257 A1	Modulation of C-reactive protein expression
7	20050113	35	US 20050009090 A1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
8	20050106	68	US 20050003446 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
9	20041230	69	US 20040266679 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

10	20041216	90	US 20040253698 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
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	Issue Date	Pages	Document ID	Title
11	20041209	125	US 20040248157 A1	Novel polynucleotides encoding soluble polypeptides and methods using same
12	20041028	47	US 20040214278 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
13	20041021	67	US 20040210950 A1	Methods and compositions relating to muscle specific sarcomeric calcineurin-binding proteins (CALSARCINS)
14	20040923	67	US 20040186275 A1	Methods and compositions relating to muscle specific sarcomeric calcineurin-binding proteins (calsarcins)
15	20040909	85	US 20040175751 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
16	20040812	102	US 20040157297 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
17	20040805	53	US 20040152123 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
18	20040729	102	US 20040146924 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
19	20040722	89	US 20040142366 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
20	20040715	111	US 20040137499 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
21	20040708	72	US 20040132152 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
22	20040701	67	US 20040127686 A1	Methods and compositions relating to muscle specific sarcomeric calcineurin-binding proteins (calsarcins)
23	20040701	320	US 20040126861 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
24	20040527	85	US 20040101885 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
25	20040513	207	US 20040091993 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
26	20040506	63	US 20040086926 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
27	20040429	48	US 20040081999 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
28	20040408	53	US 20040067568 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

	Issue Date	Pages	Document ID	Title
29	20040408	47	US 20040067522 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
30	20040401	68	US 20040063142 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
31	20040401	53	US 20040063130 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
32	20040318	287	US 20040053245 A1	Novel nucleic acids and polypeptides
33	20040304	184	US 20040043466 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
34	20040226	52	US 20040038363 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
35	20040226	40	US 20040038362 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
36	20040205	242	US 20040023887 A1	Insulin and IGF-1 receptor agonists and antagonists
37	20040115	136	US 20040009939 A1	Methods of enhancing immune induction involving MDA-7
38	20031225	203	US 20030236190 A1	Insulin and IGF-1 receptor agonists and antagonists
39	20031218	111	US 20030232408 A1	ISOLATED HUMAN KINASE PROTEINS

	Issue Date	Pages	Document ID	Title
40	20031211	40	US 20030228674 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
41	20031211	122	US 20030228595 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
42	20031016	191	US 20030195147 A1	Insulin and IGF-1 receptor agonists and antagonists
43	20030925	70	US 20030180786 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
44	20030918	102	US 20030175927 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
45	20030918	210	US 20030175791 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
46	20030911	72	US 20030172043 A1	Methods of identifying patterns in biological systems and uses thereof
47	20030911	81	US 20030171255 A1	Compositions and methods for modulation of DARPP-32 phosphorylation
48	20030904	48	US 20030166221 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
49	20030904	43	US 20030166220 A1	CDNA, GENOMIC, AND PREDICTED PROTEIN SEQUENCES OF LEARNING-INDUCED KINASES

	Issue Date	Pages	Document ID	Title
50	20030904	79	US 20030166219 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
51	20030904	42	US 20030166218 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
52	20030904	85	US 20030166215 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
53	20030731	44	US 20030143690 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
54	20030724	61	US 20030140354 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
55	20030724	460	US 20030138432 A1	Selective cellular targeting: multifunctional delivery vehicles, multifunctional prodrugs, use as antineoplastic drugs
56	20030717	53	US 20030134319 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
57	20030710	76	US 20030129704 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
58	20030710	90	US 20030129645 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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59	20030626	156	US 20030119037 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
60	20030508	48	US 20030087294 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
61	20030424	58	US 20030078376 A1	Methods and compositions relating to muscle specific sarcomeric calcineurin-binding proteins (calsarcins)
62	20030424	39	US 20030077799 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
63	20030403	68	US 20030064475 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
64	20030320	90	US 20030054529 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
65	20030313	81	US 20030049795 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
66	20030313	47	US 20030049792 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
67	20030306	36	US 20030045499 A1	Dendritic cells transduced with a wild-type self gene elicit potent antitumor immune responses

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68	20030213	30	US 20030032596 A1	Inhibition of the Src kinase family pathway as a method of treating HBV infection and hepatocellular carcinoma
69	20030206	185	US 20030027307 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
70	20030130	89	US 20030022341 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
71	20030130	207	US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
72	20030130	40	US 20030022339 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
73	20030130	53	US 20030022337 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
74	20030130	41	US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
75	20030130	100	US 20030022229 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
76	20030102	35	US 20030003560 A1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof

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77	20021219	17	US 20020192788 A1	DEOXYNUCLEOSIDE KINASE FROM INSECT CELLS FOR THE SYNTHESIS OF NUCLEOSIDE MONOPHOSPHATES
78	20021114	53	US 20020168741 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
79	20021107	31	US 20020164672 A1	Regulation of JNK activity by modulation of the interaction between the endocytic protein endophilin and the germinal center kinase-like kinase
80	20021017	95	US 20020151020 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
81	20021003	52	US 20020142430 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
82	20021003	40	US 20020142427 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
83	20020926	31	US 20020137167 A1	ISOLATED HUMAN CASEIN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN CASEIN KINASE PROTEINS, AND USES THEREOF
84	20020926	52	US 20020137042 A1	Isolated human phosphatase proteins, nucleic acid molecules encoding human phosphatase proteins, and uses thereof

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85	20020919	89	US 20020132325 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
86	20020919	90	US 20020132324 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
87	20020919	184	US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
88	20020912	174	US 20020127683 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
89	20020905	63	US 20020123121 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
90	20020905	69	US 20020123120 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
91	20020829	53	US 20020119548 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
92	20020829	94	US 20020119544 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
93	20020815	67	US 20020110889 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

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94	20020815	49	US 20020110888 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
95	20020801	34	US 20020103116 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
96	20020718	69	US 20020094946 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
97	20020718	56	US 20020094560 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
98	20020704	63	US 20020086391 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
99	20020627	320	US 20020082189 A1	ISOLATED HUMAN SERINE/THREONINE KINASE NUCLEIC ACID MOLECULES ENCODING HUMAN SERINE/THREONINE KINASE AND USES THEREOF
100	20020620	52	US 20020076783 A1	Plants and plants cells expressing histidine tagged intimin
101	20020613	68	US 20020072491 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
102	20020530	39	US 20020064851 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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103	20020530	44	US 20020064843 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
104	20020509	78	US 20020055160 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
105	20020418	37	US 20020045191 A1	Inhibition of the SRC kinase family pathway as a method of treating HBV infection and hepatocellular carcinoma
106	20020321	69	US 20020034803 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
107	20020228	40	US 20020025570 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
108	20020207	44	US 20020015987 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
109	20011220	44	US 20010053844 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
110	20011213	33	US 20010051360 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
111	20050222	75	US 6858420 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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112	20050208	39	US 6852519 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
113	20041228	60	US 6835562 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
114	20041214	45	US 6830912 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
115	20041123	179	US 6821765 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
116	20041102	65	US 6812014 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins and uses thereof
117	20041026	68	US 6809193 B2	Antisense oligonucleotide compositions and methods for the modulation of JNK proteins
118	20041026	37	US 6808912 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
119	20041026	86	US 6808911 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
120	20041019	73	US 6806072 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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121	20041005	50	US 6800471 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
122	20041005	32	US 6800283 B2	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
123	20040907	68	US 6789069 B1	Method for enhancing knowledge discovered from biological data using a learning machine
124	20040824	87	US 6780626 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
125	20040803	18	US 6770742 B1	Use of inhibitors for the treatment of disorders related to RTK hyperfunction, especially cancer
126	20040706	67	US 6760715 B1	Enhancing biological knowledge discovery using multiples support vector machines
127	20040622	98	US 6753175 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
128	20040525	81	US 6740513 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
129	20040511	50	US 6733978 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
130	20040504	96	US 6730506 B2	Isolated human kinase proteins

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131	20040406	59	US 6716604 B2	Nucleic acid molecules encoding a subunit of a human calcium/calmodulin-dependent protein kinase
132	20040330	67	US 6714925 B1	System for identifying patterns in biological data using a distributed network
133	20040316	106	US 6706511 B2	Isolated human kinase proteins
134	20040316	85	US 6706510 B2	Isolated human kinase proteins
135	20040217	66	US 6692948 B2	Isolated human kinase proteins
136	20040210	65	US 6689597 B2	Isolated human kinase proteins
137	20040203	50	US 6686187 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
138	20040203	50	US 6686176 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
139	20040120	202	US 6680188 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
140	20031230	64	US 6670164 B2	Isolated human kinase proteins
141	20031230	44	US 6670163 B2	Isolated human kinase proteins
142	20031230	60	US 6670162 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
143	20031216	44	US 6664087 B2	Isolated human kinase proteins

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144	20031216	41	US 6664086 B2	cDNA, genomic, and predicted protein sequences of learning-induced kinases
145	20031216	81	US 6664085 B2	Isolated human calcium/calmodulin (CaMk) dependent kinase proteins
146	20031125	180	US 6653117 B2	Isolated human kinase proteins
147	20031125	49	US 6653116 B2	Isolated human kinase proteins
148	20031118	38	US 6649389 B2	Isolated human kinase proteins
149	20031028	78	US 6638745 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
150	20031007	50	US 6630337 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
151	20031007	37	US 6630336 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
152	20031007	304	US 6630334 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
153	20030909	98	US 6617114 B1	Identification of drug complementary combinatorial libraries
154	20030902	26	US 6613582 B1	Methods for rapid and efficient protein cross-linking
155	20030624	89	US 6582946 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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156	20030617	66	US 6579709 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
157	20030603	249	US 6573068 B1	Claudin-50 protein
158	20030429	41	US 6555352 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
159	20030325	75	US 6537788 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
160	20030318	37	US 6534299 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
161	20030304	86	US 6528294 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
162	20030218	71	US 6521412 B1	HsReq*1 and hsReq*2proteins and use thereof to detect CDK2
163	20021231	86	US 6500656 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
164	20021231	44	US 6500655 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
165	20021210	107	US 6492156 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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166	20021210	180	US 6492155 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
167	20021210	96	US 6492154 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
168	20021210	95	US 6492153 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
169	20021203	49	US 6489153 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
170	20021119	46	US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
171	20021119	67	US 6482624 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
172	20021112	202	US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
173	20021008	49	US 6461846 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
174	20020924	50	US 6455291 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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175	20020910	31	US 6448057 B1	Isolated human casein kinase proteins, nucleic acid molecules encoding human casein kinase proteins, and uses thereof
176	20020820	38	US 6437110 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
177	20020806	41	US 6428994 B1	cDNA, genomic, and predicted protein sequences of learning-induced kinases
178	20020730	60	US 6426206 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
179	20020723	65	US 6423521 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
180	20020716	29	US 6420338 B1	Inhibition of the Src kinase family pathway as a method of treating HBV infection and hepatocellular carcinoma
181	20020709	39	US 6416990 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
182	20020702	76	US 6413756 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
183	20020625	69	US 6410294 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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184	20020611	82	US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
185	20020514	85	US 6387677 B1	Nucleic acid molecules encoding human calcium/calmodulin (CaMK) dependent kinase proteins
186	20020416	87	US 6372468 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
187	20020122	50	US 6340584 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
188	20020122	88	US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
189	20011218	69	US 6331423 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
190	20011127	40	US 6323016 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
191	20010424	74	US 6221850 B1	Antisense oligonucleotide compositions and methods for the modulation of JNK proteins
192	20001017	65	US 6133246 A	Antisense oligonucleotide compositions and methods for the modulation of JNK proteins

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193	20000829	58	US 6111089 A	Trophinin, trophinin-assisting proteins and methods to inhibit implantation
194	19991116	69	US 5986055 A	CDK2 interactions
195	19990302	54	US 5877309 A	Antisense oligonucleotides against JNK
196	19981110	14	US 5834474 A	Enantiomerically pure B--D--dioxolane nucleosides with selective anti-hepatitis B virus activity
197	19981103	14	US 5830898 A	Enantiomerically pure .beta.-di-dioxolane-nucleosides with selective anti-hepatitis B virus activity
198	19980414	65	US 5738985 A	Method for selective inactivation of viral replication
199	19971216	18	US 5698409 A	Monoclonal antibodies to thymidine kinase 1 and uses in diagnostic and therapeutic applications
200	19971104	13	US 5684010 A	Enantiomerically pure .beta.-D-dioxolane nucleosides with selective anti-hepatitis B virus activity
201	19940628	29	US 5324651 A	DNA encoding rat and human protein kinase C
202	19930615	28	US 5219748 A	Recombinant human and rat protein kinase C polypeptides